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GENERAL INFORMATION

This Airport/Facility Directory is a Civil Flight Information Publication published and distributed every eight weeks by the FAA, Department of Transportation, National Aeronautical Navigation Services, Silver Spring, Maryland 20910. It is designed for use with Aeronautical Charts covering the conterminous United States, Puerto Rico and the Virgin Islands.

This directory contains all open to the public airports, seaplane bases and heliports, military facilities, and selected private use facilities specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally, this directory contains communications data, navigational facilities and certain special notices and procedures.

Military data contained within this publication is provided by the National Geospatial–Intelligence Agency and is intended to provide reference data for military and/or joint civil/military airports. Not all military data contained in this publication is applicable to civil users.

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FOR AIRPORT SUPPLEMENT REVISIONS FORM VISIT WEB SITE: http://nfdc.faa.gov/portal/airportchanges.do

FAA, Aeronautical Information Services, ATO–R, Rm. 626
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Washington, DC 20591
Telephone 1–866–295–8236
Fax 202–267–5322
Email 9–ATOR–HQ–AIS–AIRPORTCHANGES@FAA.GOV

NOTICE: Changes must be received by the Aeronautical Information Services as soon as possible but not later than the ''cut-off'' dates listed below to assure publication on the desired effective date.

Effective Date	Airport Information Cut-off date	Airspace Information* Cut-off date
8 Apr 10	24 Feb 10	4 Feb 10
3 Jun 10	21 Apr 10	1 Apr 10
29 Jul 10	16 Jun 10	27 May 10
23 Sep 10	11 Aug 10	22 Jul 10
18 Nov 10	6 Oct 10	16 Sep 10
13 Jan 11	1 Dec 10	11 Nov 10

*Including changes to preferred routes and graphic depictions on charts.

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Silver Spring, MD 20910–3281
Telephone 1–800–626–3677
Email 9–AMC–Aerochart@faa.gov

Frequently asked questions (FAQs) are answered on our website at http://aeronav.faa.gov.
See the FAQs prior to contact via toll free number.

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Fax 301–436–6829
or any authorized chart agent.

New or Changed Information—To alert users of new information or changes to information from the previous issue, a vertical line will be portrayed in the outside margin and extending the full length of the new and/or revised data. This will not apply to the front cover or the airport/facility directory listing.

This Airport/Facility Directory comprises part of the following sections of the United States Aeronautical Information Publication (AIP): GEN, ENR and AD.

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ABBREVIATIONS

The following abbreviations/acronyms are those commonly used within this Directory. Other abbreviations/acronyms may be found in the Legend and are not duplicated below. The abbreviations presented are intended to represent grammatical variations of the basic form. (Example–''req'' may mean ''request'', ''requesting'', ''requested'', or ''requests'').

AAF	Army Air Field	byd	beyond
AB	Airbase	C	Commercial Circuit (Telephone)
abv	above	CGAF	Coast Guard Air Facility
ACC	Air Combat Command; Area Control Center	CGAS	Coast Guard Air Station
		CIV	Civil
acft	aircraft	clsd	closed
ADCC	Air Defense Control Center	comd	command
AER	approach end rwy	CONUS	Continental United States
AFB	Air Force Base	CSTMS	Customs
AFHP	Air Force Heliport	ctc	contact
afld	airfield	ctl	control
AFOD	US Army Flight Operations Detachment	dalgt	daylight
AFRC	Armed Forces Reserve Center/Air Force Reserve Command	Dec	December
		DIAP	DoD Instrument Approach Procedure
AFSS	Automated Flight Service Station	DoD	Department of Defense
AG	Agriculture	DSN	Defense Switching Network (Telephone)
A–GEAR	Arresting Gear	dsplcd	displaced
AGL	above ground level	durn	duration
AHP	Army heliport	eff	effective
ALS	Approach Light System	emerg	emergency
alt	altitude	EOR	End of Runway
AMC	Air Mobility Command	ETA	Estimated Time of Arrival
ANGS	Air National Guard Station	ETD	Estimated Time of Departure
apch	approach	exc	except
Apr	April	extd	extend
APU	Auxiliary Power Unit	FBO	fixed–base operator
ARB	Air Reserve Base	Feb	February
arpt	airport	fld	field
ARS	Air Reserve Station	FLIP	Flight Information Publication
AS	Air Station	flt	flight
ASDE–X	Airport Surface Detection Equipment—Model X	flw	follow
		Fri	Friday
ASU	Aircraft Starting Unit	FSS	Flight Service Station
ATC	Air Traffic Control	GA	glide angle
Aug	August	GCA	Ground Controlled Approach
AUW	All Up Weight (gross weight)	GS	glide slope
avbl	available	haz	hazard
bcn	beacon	HQ	Headquarters
blo	below		

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

hr	hour
IAP	Instrument Approach Procedure
ICAO	International Civil Aviation Organization
IFR	Instrument Flight Rules
ILS	Instrument Landing System
IM	Inner Marker
IMG	Immigration
incr	increase
indef	indefinite
ints	intensity
invof	in the vicinity of
IMC	Instrument Meteorological Conditions
Jan	January
JASU	Jet Aircraft Starting Unit
JOAP	Joint Oil Analysis Program
JOSAC	Joint Operational Support Airlift Center
JRB	Joint Reserve Base
Jul	July
Jun	June
Kt	Knots
LAA	Local Airport Advisory
LAHSO	Land and Hold Short Operations
lbs	pounds
ldg	landing
lgtd	lighted
lgts	lights
LMM	Compass locator at Middle Marker ILS
LOC	Localizer
LOM	Compass locator at Outer Marker ILS
ltd	limited
MACC	Military Area Control Center
Mar	March
MCAF	Marine Corps Air Facility
MCALF	Marine Corps Auxiliary Landing Field
MCAS	Marine Corps Air Station
MCB	Marine Corps Base
med	medium
METRO	Pilot-to-Metro voice call
Mil	military
min	minute
MLS	Microwave Landing System
MM	Middle Marker of ILS
Mon	Monday
MP	Maintenance Period
MSL	mean sea level
MSAW	minimum safe altitude warning
NAAS	Naval Auxiliary Air Station
NADC	Naval Air Development Center
NADEP	Naval Air Depot
NAEC	Naval Air Engineering Center
NAES	Naval Air Engineering Station
NAF	Naval Air Facility
NALCO	Naval Air Logistics Control Office
NALO	Navy Air Logistics Office
NALF	Naval Auxiliary Landing Field
NAS	Naval Air Station
NAWC	Naval Air Warfare Center
NAWS	Naval Air Weapons Station
ngt	night
NOLF	Naval Outlying Field
Nov	November
npi	non precision instrument
NS ABTMT	Noise Abatement
NSTD	nonstandard
ntc	notice
obsn	observation
Oct	October
OLF	Outlying Field
opr	operate, operator, operational
ops	operations
OTS	out of service
ovrn	overrun
PAEW	personnel and equipment working
pat	pattern
p-line	power line
PMSV	Pilot-to-Metro Service
POL	Petrol, Oils and Lubricants
PPR	prior permission required
PRM	Precision Runway Monitoring
PTD	Pilot to Dispatcher
RAMCC	Regional Air Movement Control Center
req	request
rgt tfc	right traffic
RON	Remain Overnight
rqr	require
rstd	restricted
RSRS	reduced same runway separation
rwy	runway
Sat	Saturday
SELF	Strategic Expeditionary Landing Field
Sep	September
SFA	Single Frequency Approach
sfc	surface
SFRA	Special Flight Rules Area
SOAP	Spectrometric Oil Analysis Program
SOF	Supervisor of Flying
SPB	Seaplane Base
SR	sunrise
SS	sunset
std	standard
Sun	Sunday
svc	service
tfc	traffic
thld	threshold
Thu	Thursday
tkf	take-off
tmpry	temporary
tran	transient
Tue	Tuesday
twr	tower
twy	taxiway
UC	Under Construction
USA	United States Army
USAF	United States Air Force
USCG	United States Coast Guard
USN	United States Navy
V	Defense Switching Network (telephone, formerly AUTOVON)
VFR	Visual Flight Rules
VIP	Very Important Person
VMC	Visual Meteorological Conditions
Wed	Wednesday
wx	weather

SAMPLE

(1) **CITY NAME**

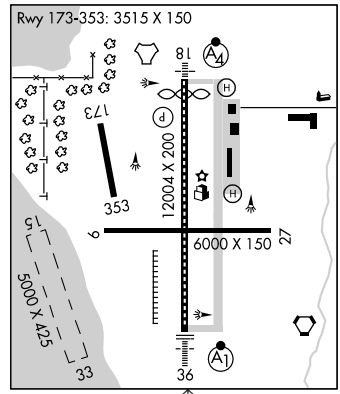
AIRPORT NAME (ALTERNATE NAME) (LTS) (KLTS) CIV/MIL 3 N UTC–6(–5DT) N34°41.93′ W99°20.20′ **JACKSONVILLE**
200 B S4 **FUEL** 100 0X 1 TPA—1000(800) AOE Class IV, ARFF Index A NOTAM FILE ORL Not insp. **COPTER**
H–4G, L–19C
IAP, DIAP, AD

(11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (9)

(21) **RWY 18–36:** H12004X200 (ASPH–CONC–GRVD)
S–90, D–160, DT–300 PCN 80 R/B/W/T HIRL CL
RWY 18: LDIN. MALSF. TDZL. REIL. PAPI(P2R)—GA 3.0° TCH 36′.
Thld dsplcd 300′. Trees. Rgt tfc. 0.3% up.
RWY 36: ALSF1. 0.4% down.
RWY 09–27: H6000X150 (ASPH) MIRL
RWY 173–353: H3515X150 (ASPH–PFC) AUW PCN 59 F/A/W/T
LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 18	09–27	6500
RWY 36	09–27	5400

RUNWAY DECLARED DISTANCE INFORMATION
RWY 18: TORA–12004 TODA–12704 ASDA–11704 LDA–11504
RWY 36: TORA–12004 TODA–12004 ASDA–12004 LDA–11704



(22) **ARRESTING GEAR/SYSTEM**
RWY 18 → HOOK E5 (65′ OVRN) BAK–14 BAK–12B (1650′)
BAK–14 BAK–12 (B) (1087′) HOOK E5 (74′ OVRN) ← **RWY 36**

(23) **MILITARY SERVICE: A–GEAR** E–5 connected on dep end, disconnected on apch end. **JASU** 3(AM32A–60) 2(A/M32A–86)

(24)

(25) **FUEL** J8(Mil) (NC–100, A) **FLUID** W SP PRESAIR LOX ← (26)

OIL 0–128 **TRAN ALERT** Avbl 1300–0200Z‡, svc limited weekends.

(10) (27) (28)

(29) **AIRPORT REMARKS:** Special Air Traffic Rules—Part 93, see Regulatory Notices. Attended 1200–0300Z‡. Parachute Jumping. Deer invof arpt. Heavy jumbo jet training surface to 9000′. Twy A clsd indef. Flight Notification Service (ADCUS) avbl.

(30) **MILITARY REMARKS: ANG** PPR/Official Business Only. Base OPS DSN 638–4390, C503–335–4222. Ctc Base OPS 15 minutes prior to ldg and after dep. Limited tran parking.

(31) **WEATHER DATA SOURCES:** AWOS–1 120.3 (202) 426–8000. LLWAS.

(32) **COMMUNICATIONS: SFA** **ATIS** 127.25 273.5 (202) 426–8003 **UNICOM** 122.95 **PTD** 372.2
NAME FSS (ORL) on arpt. 123.65 122.65 122.2
NAME RCO 112.2T 112.1R (NAME RADIO)
Ⓡ **NAME APP/DEP CON** 128.35 257.725 (1200–0400Z‡)
TOWER 119.65 255.6 (1200–0400Z‡) **GND CON** 121.7 **GCO** 135.075 (ORLANDO CLNC) **CLNC DEL** 125.55
NAME COMD POST (GERONIMO) 311.0 321.4 6761 **PMSV METRO** 239.8 **NAME OPS** 257.5

(33) **AIRSPACE: CLASS B** See VFR Terminal Area Chart.

(34) **RADIO AIDS TO NAVIGATION:** NOTAM FILE ORL. VHF/DF ctc FSS.
(H) VORTAC 112.2 MCO Chan 59 N28°32.55′ W81°20.12′ at fld. 1110/8E.
(H) TACAN Chan 29 CBU (109.2) N28°32.65′ W81°21.12′ at fld. 1115/8E.
HERNY NDB (LOM) 221 OR N28°37.40′ W81°21.05′ 177° 5.4 NM to fld.
ILS/DME 108.5 I–ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.
ASR/PAR (1200–0400Z‡)

(35) **COMM/NAV/WEATHER REMARKS:** Emerg frequency 121.5 not avbl at twr.

HELIPAD H1: H100X75 (ASPH)
HELIPAD H2: H60X60 (ASPH)
HELIPORT REMARKS: Helipad H1 lctd on general aviation side and H2 lctd on air carrier side of arpt.

(1)

187 TPA 1000(813)
WATERWAY 15–33: 5000X425 (WATER)
SEAPLANE REMARKS: Birds roosting and feeding areas along river banks. Seaplanes operating adjacent to SW side of arpt not visible from twr and are required to ctc twr.

All bearings and radials are magnetic unless otherwise specified.
All mileages are nautical unless otherwise noted.
All times are Coordinated Universal Time (UTC) except as noted.
All elevations are in feet above/below Mean Sea Level (MSL) unless otherwise noted.
The horizontal reference datum of this publication is North American Datum of 1983 (NAD83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).

(10)

SKETCH LEGEND

RUNWAYS/LANDING AREAS

Hard Surfaced . . . . . .

Metal Surface . . . . . .

Sod, Gravel, etc. . . . . .

Light Plane, ...
Ski Landing Area or Water

Under Construction . . . . .

Closed . . . . . .

Helicopter Landings Area . . . . . (H)

Displaced Threshold . . . . . .

Taxiway, Apron and Stopways . .

MISCELLANEOUS BASE AND CULTURAL FEATURES

Buildings . . . . . .

Power Lines . . . . . —T——T—

Fence . . . . . .

Towers . . . . . .

Tanks . . . . . .

Oil Well . . . . . .

Smoke Stack . . . . . .

Obstruction 5812

Controlling Obstruction . . . . . +5812

Trees . . . . . .

Populated Places . . . . . .

Cuts and Fills . . . . . Cut Fill

Cliffs and Depressions . .

Ditch . . . . . .

Hill . . . . . .

RADIO AIDS TO NAVIGATION

VORTAC . . . VOR . . . . . .

VOR/DME . . NDB . . . . . .

TACAN . . . . NDB/DME . . . .

MISCELLANEOUS AERONAUTICAL FEATURES

Airport Beacon . . . . . .

Wind Cone . . . . . .

Landing Tee . . . . . .

Tetrahedron . . . . . .

Control Tower . . . . . .

APPROACH LIGHTING SYSTEMS

A dot " • " portrayed with approach lighting letter identifier indicates sequenced flashing lights (F) installed with the approach lighting system e.g. (A1) Negative symbology, e.g., (A1) (V) indicates Pilot Controlled Lighting (PCL).

Runway Centerline Lighting . . . . .

(A) Approach Lighting System ALSF-2 . .

(A1) Approach Lighting System ALSF-1 . .

(A2) Short Approach Lighting System SALS/SALSF . . . . . .

(A3) Simplified Short Approach Lighting System (SSALR) with RAIL . . . . .

(A4) Medium Intensity Approach Lighting System (MALS and MALSF)/(SSALS and SSALF) . . . . . .

(A5) Medium Intensity Approach Lighting System (MALSR) and RAIL . . . . . .

Omnidirectional Approach Lighting System (ODALS) . . . . . .

(D) Navy Parallel Row and Cross Bar . . .

(‡) Air Force Overrun . . . . . .

(V) Visual Approach Slope Indicator with Standard Threshold Clearance provided

(V2) Pulsating Visual Approach Slope Indicator (PVASI)

(V3) Visual Approach Slope Indicator with a threshold crossing height to accomodate long bodied or jumbo aircraft

(V4) Tri-color Visual Approach Slope Indicator (TRCV)

(V5) Approach Path Alignment Panel (APAP)

(P) Precision Approach Path Indicator (PAPI)

LEGEND

This directory is a listing of data on record with the FAA on all open to the public airports, military facilities and selected private use facilities specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally this listing contains data for associated terminal control facilities, air route traffic control centers, and radio aids to navigation within the conterminous United States, Puerto Rico and the Virgin Islands. Joint civil/military and civil airports are listed alphabetically by state, associated city and airport name and cross-referenced by airport name. Military facilities are listed alphabetically by state and official airport name and cross-referenced by associated city name. Navaids, flight service stations and remote communication outlets that are associated with an airport, but with a different name, are listed alphabetically under their own name, as well as under the airport with which they are associated.

The listing of an open to the public airport in this directory merely indicates the airport operator's willingness to accommodate transient aircraft, and does not represent that the facility conforms with any Federal or local standards, or that it has been approved for use on the part of the general public. Military and private use facilities published in this directory are open to civil pilots only in an emergency or with prior permission. See Special Notice Section, Civil Use of Military Fields.

The information on obstructions is taken from reports submitted to the FAA. Obstruction data has not been verified in all cases. Pilots are cautioned that objects not indicated in this tabulation (or on the airports sketches and/or charts) may exist which can create a hazard to flight operation. Detailed specifics concerning services and facilities tabulated within this directory are contained in the Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

The legend items that follow explain in detail the contents of this Directory and are keyed to the circled numbers on the sample on the preceding pages.

(1) CITY/AIRPORT NAME

Civil and joint civil/military airports and facilities in this directory are listed alphabetically by state and associated city. Where the city name is different from the airport name the city name will appear on the line above the airport name. Airports with the same associated city name will be listed alphabetically by airport name and will be separated by a dashed rule line. A solid rule line will separate all others. FAA approved helipads and seaplane landing areas associated with a land airport will be separated by a dotted line. Military airports are listed alphabetically by state and official airport name.

(2) ALTERNATE NAME

Alternate names, if any, will be shown in parentheses.

(3) LOCATION IDENTIFIER

The location identifier is a three or four character FAA code followed by a four-character ICAO code assigned to airports. ICAO codes will only be published at joint civil/military, and military facilities. If two different military codes are assigned, both codes will be shown with the primary operating agency's code listed first. These identifiers are used by ATC in lieu of the airport name in flight plans, flight strips and other written records and computer operations. Zeros will appear with a slash to differentiate them from the letter ''O''.

(4) OPERATING AGENCY

Airports within this directory are classified into two categories, Military/Federal Government and Civil airports open to the general public, plus selected private use airports. The operating agency is shown for military, private use and joint civil/military airports. The operating agency is shown by an abbreviation as listed below. When an organization is a tenant, the abbreviation is enclosed in parenthesis. No classification indicates the airport is open to the general public with no military tenant.

A	US Army	MC	Marine Corps
AFRC	Air Force Reserve Command	N	Navy
AF	US Air Force	NAF	Naval Air Facility
ANG	Air National Guard	NAS	Naval Air Station
AR	US Army Reserve	NASA	National Air and Space Administration
ARNG	US Army National Guard	P	US Civil Airport Wherein Permit Covers Use by Transient Military Aircraft
CG	US Coast Guard		
CIV/MIL	Joint Use Civil/Military	PVT	Private Use Only (Closed to the Public)
DND	Department of National Defense Canada		

(5) AIRPORT LOCATION

Airport location is expressed as distance and direction from the center of the associated city in nautical miles and cardinal points, e.g., 4 NE.

(6) TIME CONVERSION

Hours of operation of all facilities are expressed in Coordinated Universal Time (UTC) and shown as ''Z'' time. The directory indicates the number of hours to be subtracted from UTC to obtain local standard time and local daylight saving time UTC–5(–4DT). The symbol ‡ indicates that during periods of Daylight Saving Time effective hours will be one hour earlier than shown. In those areas where daylight saving time is not observed the (–4DT) and ‡ will not be shown. Daylight saving time is in effect from 0200 local time the second Sunday in March to 0200 local time the first Sunday in November. Canada and all U.S. Conterminous States observe daylight saving time except Arizona and Puerto Rico, and the Virgin Islands. If the state observes daylight saving time and the operating times are other than daylight saving times, the operating hours will include the dates, times and no ‡ symbol will be shown, i.e., April 15–Aug 31 0630–1700Z, Sep 1–Apr 14 0600–1700Z.

⑦ GEOGRAPHIC POSITION OF AIRPORT—AIRPORT REFERENCE POINT (ARP)

Positions are shown as hemisphere, degrees, minutes and hundredths of a minute and represent the approximate geometric center of all usable runway surfaces.

⑧ CHARTS

Charts refer to the Sectional Chart and Low and High Altitude Enroute Chart and panel on which the airport or facility is located. Helicopter Chart locations will be indicated as COPTER. IFR Gulf of Mexico West and IFR Gulf of Mexico Central will be depicted as GOMW and GOMC.

⑨ INSTRUMENT APPROACH PROCEDURES, AIRPORT DIAGRAMS

IAP indicates an airport for which a prescribed (Public Use) FAA Instrument Approach Procedure has been published. DIAP indicates an airport for which a prescribed DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures. See the Special Notice Section of this directory, Civil Use of Military Fields and the Aeronautical Information Manual 5–4–5 Instrument Approach Procedure Charts for additional information. AD indicates an airport for which an airport diagram has been published. Airport diagrams are located in the back of each A/FD volume alphabetically by associated city and airport name.

⑩ AIRPORT SKETCH

The airport sketch, when provided, depicts the airport and related topographical information as seen from the air and should be used in conjunction with the text. It is intended as a guide for pilots in VFR conditions. Symbology that is not self-explanatory will be reflected in the sketch legend. The airport sketch will be oriented with True North at the top. Airport sketches will be added incrementally.

⑪ ELEVATION

The highest point of an airport's usable runways measured in feet from mean sea level. When elevation is sea level it will be indicated as ''00''. When elevation is below sea level a minus ''−'' sign will precede the figure.

⑫ ROTATING LIGHT BEACON

B indicates rotating beacon is available. Rotating beacons operate sunset to sunrise unless otherwise indicated in the AIRPORT REMARKS or MILITARY REMARKS segment of the airport entry.

⑬ SERVICING—CIVIL

S1: Minor airframe repairs.
S2: Minor airframe and minor powerplant repairs.
S3: Major airframe and minor powerplant repairs.
S4: Major airframe and major powerplant repairs.
S5: Major airframe repairs.
S6: Minor airframe and major powerplant repairs.
S7: Major powerplant repairs.
S8: Minor powerplant repairs.

⑭ FUEL

CODE	FUEL
80	Grade 80 gasoline (Red)
100	Grade 100 gasoline (Green)
100LL	100LL gasoline (low lead) (Blue)
115	Grade 115 gasoline (115/145 military specification) (Purple)
A	Jet A, Kerosene, without FS–II*, FP** minus 40° C.
A+	Jet A, Kerosene, with FS–II*, FP** minus 40°C.
A1	Jet A–1, Kerosene, without FS–II*, FP** minus 47°C.
A1+	Jet A–1, Kerosene with FS–II*, FP** minus 47° C.
B	Jet B, Wide-cut, turbine fuel without FS–II*, FP** minus 50° C.
B+	Jet B, Wide-cut, turbine fuel with FS–II*, FP** minus 50° C.
J4 (JP4)	(JP–4 military specification) FP** minus 58° C.
J5 (JP5)	(JP–5 military specification) Kerosene with FS–11, FP** minus 46°C.
J8 (JP8)	(JP–8 military specification) Jet A–1, Kerosene with FS–II*, FP** minus 47°C.
J8+100	(JP–8 military specification) Jet A–1, Kerosene with FS–II*, FP** minus 47°C, with-fuel additive package that improves thermo stability characteristics of JP–8.
J	(Jet Fuel Type Unknown)
MOGAS	Automobile gasoline which is to be used as aircraft fuel.

*(Fuel System Icing Inhibitor)
**(Freeze Point)

NOTE: Certain automobile gasoline may be used in specific aircraft engines if a FAA supplemental type certificate has been obtained. Automobile gasoline, which is to be used in aircraft engines, will be identified as ''MOGAS'', however, the grade/type and other octane rating will not be published.

Data shown on fuel availability represents the most recent information the publisher has been able to acquire. Because of a variety of factors, the fuel listed may not always be obtainable by transient civil pilots. Confirmation of availability of fuel should be made directly with fuel suppliers at locations where refueling is planned.

⑮ OXYGEN—CIVIL

OX 1 High Pressure
OX 2 Low Pressure
OX 3 High Pressure—Replacement Bottles
OX 4 Low Pressure—Replacement Bottles

⑯ TRAFFIC PATTERN ALTITUDE

Traffic Pattern Altitude (TPA)—The first figure shown is TPA above mean sea level. The second figure in parentheses is TPA above airport elevation. Multiple TPA shall be shown as ''TPA—See Remarks'' and detailed information shall be shown in the Airport or Military Remarks Section. Traffic pattern data for USAF bases, USN facilities, and U.S. Army airports (including those on which ACC or U.S. Army is a tenant) that deviate from standard pattern altitudes shall be shown in Military Remarks.

⑰ AIRPORT OF ENTRY, LANDING RIGHTS, AND CUSTOMS USER FEE AIRPORTS

U.S. CUSTOMS USER FEE AIRPORT—Private Aircraft operators are frequently required to pay the costs associated with customs processing.

AOE—Airport of Entry. A customs Airport of Entry where permission from U.S. Customs is not required to land. However, at least one hour advance notice of arrival is required.

LRA—Landing Rights Airport. Application for permission to land must be submitted in advance to U.S. Customs. At least one hour advance notice of arrival is required.

NOTE: Advance notice of arrival at both an AOE and LRA airport may be included in the flight plan when filed in Canada or Mexico. Where Flight Notification Service (ADCUS) is available the airport remark will indicate this service. This notice will also be treated as an application for permission to land in the case of an LRA. Although advance notice of arrival may be relayed to Customs through Mexico, Canada, and U.S. Communications facilities by flight plan, the aircraft operator is solely responsible for ensuring that Customs receives the notification. (See Customs, Immigration and Naturalization, Public Health and Agriculture Department requirements in the International Flight Information Manual for further details.)

US Customs Air and Sea Ports, Inspectors and Agents

Northeast Sector (New England and Atlantic States—ME to MD)	407–975–1740
Southeast Sector (Atlantic States—DC, WV, VA to FL)	407–975–1780
Central Sector (Interior of the US, including Gulf states—MS, AL, LA)	407–975–1760
Southwest East Sector (OK and eastern TX)	407–975–1840
Southwest West Sector (Western TX, NM and AZ)	407–975–1820
Pacific Sector (WA, OR, CA, HI and AK)	407–975–1800

⑱ CERTIFICATED AIRPORT (14 CFR PART 139)

Airports serving Department of Transportation certified carriers and certified under 14 CFR part 139 are indicated by the Class and the ARFF Index; e.g. Class I, ARFF Index A, which relates to the availability of crash, fire, rescue equipment. Class I airports can have an ARFF Index A through E, depending on the aircraft length and scheduled departures. Class II, III, and IV will always carry an Index A.

14 CFR PART 139 CERTIFICATED AIRPORTS
AIRPORT CLASSIFICATIONS

Type of Air Carrier Operation	Class I	Class II	Class III	Class IV
Scheduled Air Carrier Aircraft with 31 or more passenger seats	X			
Unscheduled Air Carrier Aircraft with 31 or more passengers seats	X	X		X
Scheduled Air Carrier Aircraft with 10 to 30 passenger seats	X	X	X	

14 CFR–PART 139 CERTIFICATED AIRPORTS

INDICES AND AIRCRAFT RESCUE AND FIRE FIGHTING EQUIPMENT REQUIREMENTS

Airport Index	*Required No. Vehicles*	*Aircraft Length*	*Scheduled Departures*	*Agent + Water for Foam*
A	1	<90′	≥1	500#DC or HALON 1211 or 450#DC + 100 gal H_2O
B	1 or 2	≥90′, <126′	≥5	Index A + 1500 gal H_2O
		≥126′, <159′	<5	
C	2 or 3	≥126′, <159′	≥5	Index A + 3000 gal H_2O
		≥159′, <200′	<5	
D	3	≥159′, <200′		Index A + 4000 gal H_2O
		>200′	<5	
E	3	≥200′	≥5	Index A + 6000 gal H_2O

> Greater Than; < Less Than; ≥ Equal or Greater Than; ≤ Equal or Less Than; H_2O–Water; DC–Dry Chemical.

NOTE: The listing of ARFF index does not necessarily assure coverage for non-air carrier operations or at other than prescribed times for air carrier. ARFF Index Ltd.—indicates ARFF coverage may or may not be available, for information contact airport manager prior to flight.

⑲ NOTAM SERVICE

All public use landing areas are provided NOTAM ''D'' (distant dissemination) and NOTAM ''L'' (local dissemination) service. Airport NOTAM file identifier is shown for individual airports, e.g. ''NOTAM FILE IAD''. See AIM, Basic Flight Information and

ATC Procedures for detailed description of NOTAM's. Current NOTAMs are available from Flight Service Stations at 1–800–WX–BRIEF. Real time Military NOTAMs are available using the DoD Internet NOTAM Distribution System (DINS) www.notams.jcs.mil.

⑳ FAA INSPECTION

All airports not inspected by FAA will be identified by the note: Not insp. This indicates that the airport information has been provided by the owner or operator of the field.

㉑ RUNWAY DATA

Runway information is shown on two lines. That information common to the entire runway is shown on the first line while information concerning the runway ends is shown on the second or following line. Runway direction, surface, length, width, weight bearing capacity, lighting, and slope, when available are shown for each runway. Multiple runways are shown with the longest runway first. Direction, length, width, and lighting are shown for sea-lanes. The full dimensions of helipads are shown, e.g., 50X150. Runway data that requires clarification will be placed in the remarks section.

RUNWAY DESIGNATION

Runways are normally numbered in relation to their magnetic orientation rounded off to the nearest 10 degrees. Parallel runways can be designated L (left)/R (right)/C (center). Runways may be designated as Ultralight or assault strips. Assault strips are shown by magnetic bearing.

RUNWAY DIMENSIONS

Runway length and width are shown in feet. Length shown is runway end to end including displaced thresholds, but excluding those areas designed as overruns.

RUNWAY SURFACE AND LENGTH

Runway lengths prefixed by the letter ''H'' indicate that the runways are hard surfaced (concrete, asphalt, or part asphalt–concrete). If the runway length is not prefixed, the surface is sod, clay, etc. The runway surface composition is indicated in parentheses after runway length as follows:

(AFSC)—Aggregate friction seal coat
(ASPH)—Asphalt
(CONC)—Concrete
(DIRT)—Dirt
(GRVD)—Grooved
(GRVL)—Gravel, or cinders
(MATS)—Pierced steel planking, landing mats, membranes
(PEM)—Part concrete, part asphalt
(PFC)—Porous friction courses
(PSP)—Pierced steel plank
(RFSC)—Rubberized friction seal coat
(TURF)—Turf
(TRTD)—Treated
(WC)—Wire combed

RUNWAY WEIGHT BEARING CAPACITY

Runway strength data shown in this publication is derived from available information and is a realistic estimate of capability at an average level of activity. It is not intended as a maximum allowable weight or as an operating limitation. Many airport pavements are capable of supporting limited operations with gross weights in excess of the published figures. Permissible operating weights, insofar as runway strengths are concerned, are a matter of agreement between the owner and user. When desiring to operate into any airport at weights in excess of those published in the publication, users should contact the airport management for permission. Runway strength figures are shown in thousand of pounds, with the last three figures being omitted. Add 000 to figure following S, D, 2S, 2T, AUW, SWL, etc., for gross weight capacity. A blank space following the letter designator is used to indicate the runway can sustain aircraft with this type landing gear, although definite runway weight bearing capacity figures are not available, e.g., S, D. Applicable codes for typical gear configurations with S=Single, D=Dual, T=Triple and Q=Quadruple:

CURRENT	NEW	NEW DESCRIPTION
S	S	Single wheel type landing gear (DC3), (C47), (F15), etc.
D	D	Dual wheel type landing gear (BE1900), (B737), (A319), etc.
T	D	Dual wheel type landing gear (P3, C9).
ST	2S	Two single wheels in tandem type landing gear (C130).
TRT	2T	Two triple wheels in tandem type landing gear (C17), etc.
DT	2D	Two dual wheels in tandem type landing gear (B707), etc.
TT	2D	Two dual wheels in tandem type landing gear (B757, KC135).
SBTT	2D/D1	Two dual wheels in tandem/dual wheel body gear type landing gear (KC10).
None	2D/2D1	Two dual wheels in tandem/two dual wheels in tandem body gear type landing gear (A340–600).
DDT	2D/2D2	Two dual wheels in tandem/two dual wheels in double tandem body gear type landing gear (B747, E4).
TTT	3D	Three dual wheels in tandem type landing gear (B777), etc.
TT	D2	Dual wheel gear two struts per side main gear type landing gear (B52).
TDT	C5	Complex dual wheel and quadruple wheel combination landing gear (C5).

AUW—All up weight. Maximum weight bearing capacity for any aircraft irrespective of landing gear configuration.
SWL—Single Wheel Loading. (This includes information submitted in terms of Equivalent Single Wheel Loading (ESWL) and Single Isolated Wheel Loading).
PSI—Pounds per square inch. PSI is the actual figure expressing maximum pounds per square inch runway will support, e.g., (SWL 000/PSI 535).

Omission of weight bearing capacity indicates information unknown.

The ACN/PCN System is the ICAO standard method of reporting pavement strength for pavements with bearing strengths greater than 12,500 pounds. The Pavement Classification Number (PCN) is established by an engineering assessment of the runway. The PCN is for use in conjunction with an Aircraft Classification Number (ACN). Consult the Aircraft Flight Manual, Flight Information Handbook, or other appropriate source for ACN tables or charts. Currently, ACN data may not be available for all aircraft. If an ACN table or chart is available, the ACN can be calculated by taking into account the aircraft weight, the pavement type, and the subgrade category. For runways that have been evaluated under the ACN/PCN system, the PCN will be shown as a five-part code (e.g. PCN 80 R/B/W/T). Details of the coded format are as follows:

(1) The PCN NUMBER—The reported PCN indicates that an aircraft with an ACN equal or less than the reported PCN can operate on the pavement subject to any limitation on the tire pressure.

(2) The type of pavement:
R — Rigid
F — Flexible

(3) The pavement subgrade category:
A — High
B — Medium
C — Low
D — Ultra-low

(4) The maximum tire pressure authorized for the pavement:
W — High, no limit
X — Medium, limited to 217 psi
Y — Low, limited to 145 psi
Z — Very low, limited to 73 psi

(5) Pavement evaluation method:
T — Technical evaluation
U — By experience of aircraft using the pavement

NOTE: Prior permission from the airport controlling authority is required when the ACN of the aircraft exceeds the published PCN or aircraft tire pressure exceeds the published limits.

RUNWAY LIGHTING

Lights are in operation sunset to sunrise. Lighting available by prior arrangement only or operating part of the night and/or pilot controlled lighting with specific operating hours are indicated under airport or military remarks. At USN/USMC facilities lights are available only during airport hours of operation. Since obstructions are usually lighted, obstruction lighting is not included in this code. Unlighted obstructions on or surrounding an airport will be noted in airport or military remarks. Runway lights nonstandard (NSTD) are systems for which the light fixtures are not FAA approved L-800 series: color, intensity, or spacing does not meet FAA standards. Nonstandard runway lights, VASI, or any other system not listed below will be shown in airport remarks or military service. Temporary, emergency or limited runway edge lighting such as flares, smudge pots, lanterns or portable runway lights will also be shown in airport remarks or military service. Types of lighting are shown with the runway or runway end they serve.

NSTD—Light system fails to meet FAA standards.
LIRL—Low Intensity Runway Lights.
MIRL—Medium Intensity Runway Lights.
HIRL—High Intensity Runway Lights.
RAIL—Runway Alignment Indicator Lights.
REIL—Runway End Identifier Lights.
CL—Centerline Lights.
TDZL—Touchdown Zone Lights.
ODALS—Omni Directional Approach Lighting System.
AF OVRN—Air Force Overrun 1000′ Standard Approach Lighting System.
LDIN—Lead-In Lighting System.
MALS—Medium Intensity Approach Lighting System.
MALSF—Medium Intensity Approach Lighting System with Sequenced Flashing Lights.
MALSR—Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights.
SALS—Short Approach Lighting System.
SALSF—Short Approach Lighting System with Sequenced Flashing Lights.
SSALS—Simplified Short Approach Lighting System.
SSALF—Simplified Short Approach Lighting System with Sequenced Flashing Lights.
SSALR—Simplified Short Approach Lighting System with Runway Alignment Indicator Lights.
ALSAF—High Intensity Approach Lighting System with Sequenced Flashing Lights.
ALSF1—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category I, Configuration.
ALSF2—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category II, Configuration.
SF—Sequenced Flashing Lights.
OLS—Optical Landing System.
WAVE–OFF.

NOTE: Civil ALSF2 may be operated as SSALR during favorable weather conditions. When runway edge lights are positioned more than 10 feet from the edge of the usable runway surface a remark will be added in the ''Remarks'' portion of the airport entry. This is applicable to Air Force, Air National Guard and Air Force Reserve Bases, and those joint civil/military airfields on which they are tenants.

VISUAL GLIDESLOPE INDICATORS

APAP—A system of panels, which may or may not be lighted, used for alignment of approach path.

PNIL	APAP on left side of runway	PNIR	APAP on right side of runway

PAPI—Precision Approach Path Indicator

P2L	2-identical light units placed on left side of runway	P4L	4-identical light units placed on left side of runway
P2R	2-identical light units placed on right side of runway	P4R	4-identical light units placed on right side of runway

PVASI—Pulsating/steady burning visual approach slope indicator, normally a single light unit projecting two colors.

PSIL	PVASI on left side of runway	PSIR	PVASI on right side of runway

SAVASI—Simplified Abbreviated Visual Approach Slope Indicator

S2L	2-box SAVASI on left side of runway	S2R	2-box SAVASI on right side of runway

TRCV—Tri-color visual approach slope indicator, normally a single light unit projecting three colors.

TRIL	TRCV on left side of runway	TRIR	TRCV on right side of runway

VASI—Visual Approach Slope Indicator

V2L	2-box VASI on left side of runway	V6L	6-box VASI on left side of runway
V2R	2-box VASI on right side of runway	V6R	6-box VASI on right side of runway
V4L	4-box VASI on left side of runway	V12	12-box VASI on both sides of runway
V4R	4-box VASI on right side of runway	V16	16-box VASI on both sides of runway

NOTE: Approach slope angle and threshold crossing height will be shown when available; i.e., –GA 3.5° TCH 37′.

PILOT CONTROL OF AIRPORT LIGHTING

Key Mike	Function
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL-Off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL-Off)

Available systems will be indicated in the airport or military remarks, e.g., ACTIVATE HIRL Rwy 07–25, MALSR Rwy 07, and VASI Rwy 07—122.8.

Where the airport is not served by an instrument approach procedure and/or has an independent type system of different specification installed by the airport sponsor, descriptions of the type lights, method of control, and operating frequency will be explained in clear text. See AIM, ''Basic Flight Information and ATC Procedures,'' for detailed description of pilot control of airport lighting.

RUNWAY SLOPE

When available, runway slope data will only be provided for those airports with an approved FAA instrument approach procedure. Runway slope will be shown only when it is 0.3 percent or greater. On runways less than 8000 feet, the direction of the slope up will be indicated, e.g., 0.3% up NW. On runways 8000 feet or greater, the slope will be shown (up or down) on the runway end line, e.g., RWY 13: 0.3% up., RWY 21: Pole. Rgt tfc. 0.4% down.

RUNWAY END DATA

Information pertaining to the runway approach end such as approach lights, touchdown zone lights, runway end identification lights, visual glideslope indicators, displaced thresholds, controlling obstruction, and right hand traffic pattern, will be shown on the specific runway end. ''Rgt tfc''—Right traffic indicates right turns should be made on landing and takeoff for specified runway end.

LAND AND HOLD SHORT OPERATIONS (LAHSO)

LAHSO is an acronym for ''Land and Hold Short Operations.'' These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet.

Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned. The Aeronautical Information Manual contains specific details on hold–short operations and markings.

RUNWAY DECLARED DISTANCE INFORMATION

TORA—Take-off Run Available. The length of runway declared available and suitable for the ground run of an aeroplane take–off.

TODA—Take-off Distance Available. The length of the take–off run available plus the length of the clearway, if provided.

ASDA—Accelerate-Stop Distance Available. The length of the take–off run available plus the length of the stopway, if provided.

LDA—Landing Distance Available. The length of runway which is declared available and suitable for the ground run of an aeroplane landing.

(22) ARRESTING GEAR/SYSTEMS

Arresting gear is shown as it is located on the runway. The a–gear distance from the end of the appropriate runway (or into the overrun) is indicated in parentheses. A–Gear which has a bi–direction capability and can be utilized for emergency approach end engagement is indicated by a (B). The direction of engaging device is indicated by an arrow. Up to 15 minutes advance notice may be required for rigging A–Gear for approach and engagement. Airport listing may show availability of other than US Systems. This information is provided for emergency requirements only. Refer to current aircraft operating manuals for specific engagement weight and speed criteria based on aircraft structural restrictions and arresting system limitations.

Following is a list of current systems referenced in this publication identified by both Air Force and Navy terminology:

BI–DIRECTIONAL CABLE (B)

TYPE	DESCRIPTION
BAK–9	Rotary friction brake.
BAK–12A	Standard BAK–12 with 950 foot run out, 1–inch cable and 40,000 pound weight setting. Rotary friction brake.
BAK–12B	Extended BAK–12 with 1200 foot run, 1¼ inch Cable and 50,000 pounds weight setting. Rotary friction brake.
E28	Rotary Hydraulic (Water Brake).
M21	Rotary Hydraulic (Water Brake) Mobile.

The following device is used in conjunction with some aircraft arresting systems:

BAK–14	A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to five seconds to fully raise the cable.)
H	A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to one and one–half seconds to fully raise the cable.)

UNI–DIRECTIONAL CABLE

TYPE	DESCRIPTION
MB60	Textile brake—an emergency one–time use, modular braking system employing the tearing of specially woven textile straps to absorb the kinetic energy.
E5/E5–1/E5–3	Chain Type. At USN/USMC stations E–5 A–GEAR systems are rated, e.g., E–5 RATING–13R–1100 HW (DRY), 31L/R–1200 STD (WET). This rating is a function of the A–GEAR chain weight and length and is used to determine the maximum aircraft engaging speed. A dry rating applies to a stabilized surface (dry or wet) while a wet rating takes into account the amount (if any) of wet overrun that is not capable of withstanding the aircraft weight. These ratings are published under Military Service.

FOREIGN CABLE

TYPE	DESCRIPTION	US EQUIVALENT
44B–3H	Rotary Hydraulic) (Water Brake)	
CHAG	Chain	E–5

UNI–DIRECTIONAL BARRIER

TYPE	DESCRIPTION
MA–1A	Web barrier between stanchions attached to a chain energy absorber.
BAK–15	Web barrier between stanchions attached to an energy absorber (water squeezer, rotary friction, chain). Designed for wing engagement.

NOTE: Landing short of the runway threshold on a runway with a BAK–15 in the underrun is a significant hazard. The barrier in the down position still protrudes several inches above the underrun. Aircraft contact with the barrier short of the runway threshold can cause damage to the barrier and substantial damage to the aircraft.

OTHER

TYPE	DESCRIPTION
EMAS	Engineered Material Arresting System, located beyond the departure end of the runway, consisting of high energy absorbing materials which will crush under the weight of an aircraft.

(23) MILITARY SERVICE

Specific military services available at the airport are listed under this general heading. Remarks applicable to any military service are shown in the individual service listing.

(24) JET AIRCRAFT STARTING UNITS (JASU)

The numeral preceding the type of unit indicates the number of units available. The absence of the numeral indicates ten or more units available. If the number of units is unknown, the number one will be shown. Absence of JASU designation indicates non–availability.

The following is a list of current JASU systems referenced in this publication:

USAF JASU (For variations in technical data, refer to T.O. 35–1–7.)

ELECTRICAL STARTING UNITS:

A/M32A–86	AC: 115/200v, 3 phase, 90 kva, 0.8 pf, 4 wire DC: 28v, 1500 amp, 72 kw (with TR pack)
MC–1A	AC: 115/208v, 400 cycle, 3 phase, 37.5 kva, 0.8 pf, 108 amp, 4 wire DC: 28v, 500 amp, 14 kw
MD–3	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus
MD–3A	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus
MD–3M	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 500 amp, 15 kw

MD–4	AC: 120/208v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 175 amp, ''WYE'' neutral ground, 4 wire, 120v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 303 amp, ''DELTA'' 3 wire, 120v, 400 cycle, 1 phase, 62.5 kva, 0.8 pf, 520 amp, 2 wire
AIR STARTING UNITS	
AM32–95	150 +/− 5 lb/min (2055 +/− 68 cfm) at 51 +/− 2 psia
AM32A–95	150 +/− 5 lb/min @ 49 +/− 2 psia (35 +/− 2 psig)
LASS	150 +/− 5 lb/min @ 49 +/− 2 psia
MA–1A	82 lb/min (1123 cfm) at 130° air inlet temp, 45 psia (min) air outlet press
MC–1	15 cfm, 3500 psia
MC–1A	15 cfm, 3500 psia
MC–2A	15 cfm, 200 psia
MC–11	8,000 cu in cap, 4000 psig, 15 cfm
COMBINED AIR AND ELECTRICAL STARTING UNITS:	
AGPU	AC: 115/200v, 400 cycle, 3 phase, 30 kw gen DC: 28v, 700 amp AIR: 60 lb/min @ 40 psig @ sea level
AM32A–60*	AIR: 120 +/− 4 lb/min (1644 +/− 55 cfm) at 49 +/− 2 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire, 120v, 1 phase, 25 kva DC: 28v, 500 amp, 15 kw
AM32A–60A	AIR: 150 +/− 5 lb/min (2055 +/− 68 cfm at 51 +/− psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw
AM32A–60B*	AIR: 130 lb/min, 50 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw

*NOTE: During combined air and electrical loads, the pneumatic circuitry takes preference and will limit the amount of electrical power available.

USN JASU

ELECTRICAL STARTING UNITS:	
NC–8A/A1	DC: 500 amp constant, 750 amp intermittent, 28v; AC: 60 kva @ .8 pf, 115/200v, 3 phase, 400 Hz.
NC–10A/A1/B/C	DC: 750 amp constant, 1000 amp intermittent, 28v; AC: 90 kva, 115/200v, 3 phase, 400 Hz.
AIR STARTING UNITS:	
GTC–85/GTE–85	120 lbs/min @ 45 psi.
MSU–200NAV/A/U47A–5	204 lbs/min @ 56 psia.
WELLS AIR START SYSTEM	180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. Simultaneous multiple start capability.
COMBINED AIR AND ELECTRICAL STARTING UNITS:	
NCPP–105/RCPT	180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. 700 amp, 28v DC. 120/208v, 400 Hz AC, 30 kva.
JASU (ARMY)	
59B2–1B	28v, 7.5 kw, 280 amp.
OTHER JASU	
ELECTRICAL STARTING UNITS (DND):	
CE12	AC 115/200v, 140 kva, 400 Hz, 3 phase
CE13	AC 115/200v, 60 kva, 400 Hz, 3 phase
CE14	AC/DC 115/200v, 140 kva, 400 Hz, 3 phase, 28vDC, 1500 amp
CE15	DC 22–35v, 500 amp continuous 1100 amp intermittent
CE16	DC 22–35v, 500 amp continuous 1100 amp intermittent soft start
AIR STARTING UNITS (DND):	
CA2	ASA 45.5 psig, 116.4 lb/min
COMBINED AIR AND ELECTRICAL STARTING UNITS (DND)	
CEA1	AC 120/208v, 60 kva, 400 Hz, 3 phase DC 28v, 75 amp AIR 112.5 lb/min, 47 psig
ELECTRICAL STARTING UNITS (OTHER)	
C–26	28v 45kw 115–200v 15kw 380–800 Hz 1 phase 2 wire
C–26–B, C–26–C	28v 45kw: Split Bus: 115–200v 15kw 380–800 Hz 1 phase 2 wire
E3	DC 28v/10kw
AIR STARTING UNITS (OTHER):	
A4	40 psi/2 lb/sec (LPAS Mk12, Mk12L, Mk12A, Mk1, Mk2B)
MA–1	150 Air HP, 115 lb/min 50 psia
MA–2	250 Air HP, 150 lb/min 75 psia
CARTRIDGE:	
MXU–4A	USAF

(25) FUEL—MILITARY

Fuel available through US Military Base supply, DESC Into–Plane Contracts and/or reciprocal agreement is listed first and is followed by (Mil). At commercial airports where Into–Plane contracts are in place, the name of the refueling agent is shown. Military fuel should be used first if it is available. When military fuel cannot be obtained but Into–Plane contract fuel is available, Government aircraft must refuel with the contract fuel and applicable refueling agent to avoid any breach in contract terms and conditions. Fuel not available through the above is shown preceded by NC (no contract). When fuel is obtained from NC sources, local purchase procedures must be followed. The US Military Aircraft Identaplates DD Form 1896 (Jet Fuel), DD Form 1897 (Avgas) and AF Form 1245 (Avgas) are used at military installations only. The US Government Aviation Into–Plane Reimbursement (AIR) Card (currently issued by AVCARD) is the instrument to be used to obtain fuel under a DESC Into–Plane Contract and for NC purchases if the refueling agent at the commercial airport accepts the AVCARD. A current list of contract fuel locations is available online at www.desc.dla.mil/Static/ProductsAndServices.asp; click on the Commercial Airports button.

See legend item 14 for fuel code and description.

(26) SUPPORTING FLUIDS AND SYSTEMS—MILITARY

CODE	
ADI	Anti–Detonation Injection Fluid—Reciprocating Engine Aircraft.
W	Water Thrust Augmentation—Jet Aircraft.
WAI	Water–Alcohol Injection Type, Thrust Augmentation—Jet Aircraft.
SP	Single Point Refueling.
PRESAIR	Air Compressors rated 3,000 PSI or more.
De–Ice	Anti–icing/De–icing/Defrosting Fluid (MIL–A–8243).

OXYGEN:

LPOX	Low pressure oxygen servicing.
HPOX	High pressure oxygen servicing.
LHOX	Low and high pressure oxygen servicing.
LOX	Liquid oxygen servicing.
OXRB	Oxygen replacement bottles. (Maintained primarily at Naval stations for use in acft where oxygen can be replenished only by replacement of cylinders.)
OX	Indicates oxygen servicing when type of servicing is unknown.

NOTE: Combinations of above items is used to indicate complete oxygen servicing available;

LHOXRB	Low and high pressure oxygen servicing and replacement bottles;
LPOXRB	Low pressure oxygen replacement bottles only, etc.

NOTE: Aircraft will be serviced with oxygen procured under military specifications only. Aircraft will not be serviced with medical oxygen.

NITROGEN:

LPNIT — Low pressure nitrogen servicing.
HPNIT — High pressure nitrogen servicing.
LHNIT — Low and high pressure nitrogen servicing.

(27) OIL—MILITARY

US AVIATION OILS (MIL SPECS):

CODE	GRADE, TYPE
O–113	1065, Reciprocating Engine Oil (MIL–L–6082)
O–117	1100, Reciprocating Engine Oil (MIL–L–6082)
O–117+	1100, O–117 plus cyclohexanone (MIL–L–6082)
O–123	1065, (Dispersant), Reciprocating Engine Oil (MIL–L–22851 Type III)
O–128	1100, (Dispersant), Reciprocating Engine Oil (MIL–L–22851 Type II)
O–132	1005, Jet Engine Oil (MIL–L–6081)
O–133	1010, Jet Engine Oil (MIL–L–6081)
O–147	None, MIL–L–6085A Lubricating Oil, Instrument, Synthetic
O–148	None, MIL–L–7808 (Synthetic Base) Turbine Engine Oil
O–149	None, Aircraft Turbine Engine Synthetic, 7.5c St
O–155	None, MIL–L–6086C, Aircraft, Medium Grade
O–156	None, MIL–L–23699 (Synthetic Base), Turboprop and Turboshaft Engines
JOAP/SOAP	Joint Oil Analysis Program. JOAP support is furnished during normal duty hours, other times on request. (JOAP and SOAP programs provide essentially the same service, JOAP is now the standard joint service supported program.)

(28) TRANSIENT ALERT (TRAN ALERT)—MILITARY

Tran Alert service is considered to include all services required for normal aircraft turn–around, e.g., servicing (fuel, oil, oxygen, etc.), debriefing to determine requirements for maintenance, minor maintenance, inspection and parking assistance of transient aircraft. Drag chute repack, specialized maintenance, or extensive repairs will be provided within the capabilities and priorities of the base. Delays can be anticipated after normal duty hours/holidays/weekends regardless of the hours of transient maintenance operation. Pilots should not expect aircraft to be serviced for TURN–AROUNDS during time periods when servicing or maintenance manpower is not available. In the case of airports not operated exclusively by US military, the servicing indicated by the remarks will not always be available for US military

aircraft. When transient alert services are not shown, facilities are unknown. NO PRIORITY BASIS—means that transient alert services will be provided only after all the requirements for mission/tactical assigned aircraft have been accomplished.

㉙ AIRPORT REMARKS

The Attendance Schedule is the months, days and hours the airport is actually attended. Airport attendance does not mean watchman duties or telephone accessibility, but rather an attendant or operator on duty to provide at least minimum services (e.g., repairs, fuel, transportation).

Airport Remarks have been grouped in order of applicability. Airport remarks are limited to those items of information that are determined essential for operational use, i.e., conditions of a permanent or indefinite nature and conditions that will remain in effect for more than 30 days concerning aeronautical facilities, services, maintenance available, procedures or hazards, knowledge of which is essential for safe and efficient operation of aircraft. Information concerning permanent closing of a runway or taxiway will not be shown. A note ''See Special Notices'' shall be applied within this remarks section when a special notice applicable to the entry is contained in the Special Notices section of this publication.

Parachute Jumping indicates parachute jumping areas associated with the airport. See Parachute Jumping Area section of this publication for additional Information.

Landing Fee indicates landing charges for private or non-revenue producing aircraft. In addition, fees may be charged for planes that remain over a couple of hours and buy no services, or at major airline terminals for all aircraft.

Note: Unless otherwise stated, remarks including runway ends refer to the runway's approach end.

㉚ MILITARY REMARKS

Military Remarks published at a joint Civil/Military facility are remarks that are applicable to the Military. At Military Facilities all remarks will be published under the heading Military Remarks. Remarks contained in this section may not be applicable to civil users. The first group of remarks is applicable to the primary operator of the airport. Remarks applicable to a tenant on the airport are shown preceded by the tenant organization, i.e., (A) (AF) (N) (ANG), etc. Military airports operate 24 hours unless otherwise specified. Airport operating hours are listed first (airport operating hours will only be listed if they are different than the airport attended hours or if the attended hours are unavailable) followed by pertinent remarks in order of applicability. Remarks will include information on restrictions, hazards, traffic pattern, noise abatement, customs/agriculture/immigration, and miscellaneous information applicable to the Military.

Type of restrictions:

CLOSED: When designated closed, the airport is restricted from use by all aircraft unless stated otherwise. Any closure applying to specific type of aircraft or operation will be so stated. USN/USMC/USAF airports are considered closed during non–operating hours. Closed airports may be utilized during an emergency provided there is a safe landing area.

OFFICIAL BUSINESS ONLY: The airfield is closed to all transient military aircraft for obtaining routine services such as fueling, passenger drop off or pickup, practice approaches, parking, etc. The airfield may be used by aircrews and aircraft if official government business (including civilian) must be conducted on or near the airfield and prior permission is received from the airfield manager.

AF OFFICIAL BUSINESS ONLY OR NAVY OFFICIAL BUSINESS ONLY: Indicates that the restriction applies only to service indicated.

PRIOR PERMISSION REQUIRED (PPR): Airport is closed to transient aircraft unless approval for operation is obtained from the appropriate commander through Chief, Airfield Management or Airfield Operations Officer. Official Business or PPR does not preclude the use of US Military airports as an alternate for IFR flights. If a non–US military airport is used as a weather alternate and requires a PPR, the PPR must be requested and confirmed before the flight departs. The purpose of PPR is to control volume and flow of traffic rather than to prohibit it. Prior permission is required for all aircraft requiring transient alert service outside the published transient alert duty hours. All aircraft carrying hazardous materials must obtain prior permission as outlined in AFJI 11–204, AR 95–27, OPNAVINST 3710.7.

Note: OFFICIAL BUSINESS ONLY AND PPR restrictions are not applicable to Special Air Mission (SAM) or Special Air Resource (SPAR) aircraft providing person or persons on aboard are designated Code 6 or higher as explained in AFJMAN 11–213, AR 95–11, OPNAVINST 3722–8J. Official Business Only or PPR do not preclude the use of the airport as an alternate for IFR flights.

㉛ WEATHER DATA SOURCES

Weather data sources will be listed alphabetically followed by their assigned frequencies and/or telephone number and hours of operation.

ASOS—Automated Surface Observing System. Reports the same as an AWOS–3 plus precipitation identification and intensity, and freezing rain occurrence (future enhancement).

AWOS—Automated Weather Observing System

AWOS–A—reports altimeter setting (all other information is advisory only).

AWOS–1—reports altimeter setting, wind data and usually temperature, dewpoint and density altitude.

AWOS–2—reports the same as AWOS–1 plus visibility.

AWOS–3—reports the same as AWOS–1 plus visibility and cloud/ceiling data.

See AIM, Basic Flight Information and ATC Procedures for detailed description of AWOS.

HIWAS—See RADIO AIDS TO NAVIGATION
LAWRS—Limited Aviation Weather Reporting Station where observers report cloud height, weather, obstructions to vision, temperature and dewpoint (in most cases), surface wind, altimeter and pertinent remarks.
LLWAS—indicates a Low Level Wind Shear Alert System consisting of a center field and several field perimeter anemometers.
SAWRS—identifies airports that have a Supplemental Aviation Weather Reporting Station available to pilots for current weather information.
SWSL—Supplemental Weather Service Location providing current local weather information via radio and telephone.
TDWR—indicates airports that have Terminal Doppler Weather Radar.
WSP—indicates airports that have Weather System Processor.

When the automated weather source is broadcast over an associated airport NAVAID frequency (see NAVAID line), it shall be indicated by a bold ASOS, AWOS, or HIWAS followed by the frequency, identifier and phone number, if available.

(32) COMMUNICATIONS

Airport terminal control facilities and radio communications associated with the airport shall be shown. When the call sign is not the same as the airport name the call sign will be shown. Frequencies shall normally be shown in descending order with the primary frequency listed first. Frequencies will be listed, together with sectorization indicated by outbound radials, and hours of operation. Communications will be listed in sequence as follows:

Single Frequency Approach (SFA), Common Traffic Advisory Frequency (CTAF), Automatic Terminal Information Service (ATIS) and Aeronautical Advisory Stations (UNICOM) or (AUNICOM) along with their frequency is shown, where available, on the line following the heading ''COMMUNICATIONS.'' When the CTAF and UNICOM frequencies are the same, the frequency will be shown as CTAF/UNICOM 122.8.

The FSS telephone nationwide is toll free 1–800–WX–BRIEF (1–800–992–7433). When the FSS is located on the field it will be indicated as ''on arpt''. Frequencies available at the FSS will follow in descending order. Remote Communications Outlet (RCO) providing service to the airport followed by the frequency and FSS RADIO name will be shown when available.

FSS's provide information on airport conditions, radio aids and other facilities, and process flight plans. Airport Advisory Service (AAS) is provided on the CTAF by FSS's for select non-tower airports or airports where the tower is not in operation.

(See AIM, Para 4–1–9 Traffic Advisory Practices at Airports Without Operating Control Towers or AC 90–42C.)

Aviation weather briefing service is provided by FSS specialists. Flight and weather briefing services are also available by calling the telephone numbers listed.

Remote Communications Outlet (RCO)—An unmanned air/ground communications facility that is remotely controlled and provides UHF or VHF communications capability to extend the service range of an FSS.

Civil Communications Frequencies-Civil communications frequencies used in the FSS air/ground system are operated on 122.0, 122.2, 123.6; emergency 121.5; plus receive-only on 122.1.

a. 122.0 is assigned as the Enroute Flight Advisory Service frequency at selected FSS RADIO outlets.
b. 122.2 is assigned as a common enroute frequency.
c. 123.6 is assigned as the airport advisory frequency at select non-tower locations. At airports with a tower, FSS may provide airport advisories on the tower frequency when tower is closed.
d. 122.1 is the primary receive-only frequency at VOR's.
e. Some FSS's are assigned 50 kHz frequencies in the 122–126 MHz band (eg. 122.45). Pilots using the FSS A/G system should refer to this directory or appropriate charts to determine frequencies available at the FSS or remoted facility through which they wish to communicate.

Emergency frequency 121.5 and 243.0 are available at all Flight Service Stations, most Towers, Approach Control and RADAR facilities.

Frequencies published followed by the letter ''T'' or ''R'', indicate that the facility will only transmit or receive respectively on that frequency. All radio aids to navigation (NAVAID) frequencies are transmit only.

TERMINAL SERVICES

SFA—Single Frequency Approach.
CTAF—A program designed to get all vehicles and aircraft at airports without an operating control tower on a common frequency.
ATIS—A continuous broadcast of recorded non-control information in selected terminal areas.
D–ATIS—Digital ATIS provides ATIS information in text form outside the standard reception range of conventional ATIS via landline & data link communications and voice message within range of existing transmitters.
AUNICOM—Automated UNICOM is a computerized, command response system that provides automated weather, radio check capability and airport advisory information selected from an automated menu by microphone clicks.
UNICOM—A non-government air/ground radio communications facility which may provide airport information.
PTD—Pilot to Dispatcher.
APP CON—Approach Control. The symbol Ⓡ indicates radar approach control.
TOWER—Control tower.
GCA—Ground Control Approach System.
GND CON—Ground Control.
GCO—Ground Communication Outlet—An unstaffed, remotely controlled, ground/ground communications facility. Pilots at uncontrolled airports may contact ATC and FSS via VHF to a telephone connection to obtain an instrument clearance or close a VFR or IFR flight plan. They may also get an updated weather briefing prior to takeoff. Pilots will use four ''key clicks'' on the

VHF radio to contact the appropriate ATC facility or six ''key clicks'' to contact the FSS. The GCO system is intended to be used only on the ground.
DEP CON—Departure Control. The symbol Ⓡ indicates radar departure control.
CLNC DEL—Clearance Delivery.
PRE TAXI CLNC—Pre taxi clearance.

VFR ADVSY SVC—VFR Advisory Service. Service provided by Non-Radar Approach Control.
Advisory Service for VFR aircraft (upon a workload basis) ctc APP CON.
COMD POST—Command Post followed by the operator call sign in parenthesis.
PMSV—Pilot–to–Metro Service call sign, frequency and hours of operation, when full service is other than continuous. PMSV installations at which weather observation service is available shall be indicated, following the frequency and/or hours of operation as ''Wx obsn svc 1900–0000Z‡'' or ''other times'' may be used when no specific time is given. PMSV facilities manned by forecasters are considered ''Full Service''. PMSV facilities manned by weather observers are listed as ''Limited Service''.
OPS—Operations followed by the operator call sign in parenthesis.
CON
RANGE
FLT FLW—Flight Following
MEDIVAC
NOTE: Communication frequencies followed by the letter ''X'' indicate frequency available on request.

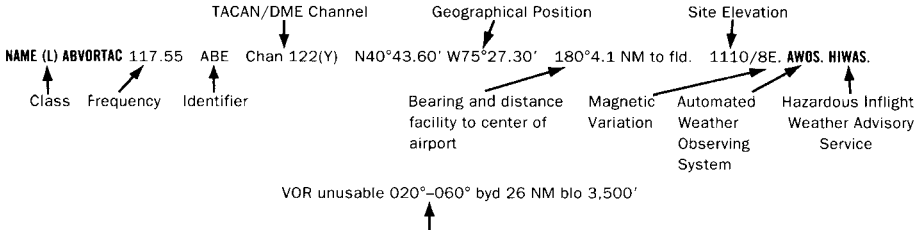
㉝ AIRSPACE

Information concerning Class B, C, and part–time D and E surface area airspace shall be published with effective times. Class D and E surface area airspace that is continuous as established by Rulemaking Docket will not be shown.
CLASS B—Radar Sequencing and Separation Service for all aircraft in CLASS B airspace.
CLASS C—Separation between IFR and VFR aircraft and sequencing of VFR arrivals to the primary airport.
TRSA—Radar Sequencing and Separation Service for participating VFR Aircraft within a Terminal Radar Service Area.
Class C, D, and E airspace described in this publication is that airspace usually consisting of a 5 NM radius core surface area that begins at the surface and extends upward to an altitude above the airport elevation (charted in MSL for Class C and Class D). Class E surface airspace normally extends from the surface up to but not including the overlying controlled airspace.
When part–time Class C or Class D airspace defaults to Class E, the core surface area becomes Class E. This will be formatted as:
AIRSPACE: CLASS C svc ''times'' ctc **APP CON** other times CLASS E:
or
AIRSPACE: CLASS D svc ''times'' other times CLASS E.
When a part–time Class C, Class D or Class E surface area defaults to Class G, the core surface area becomes Class G up to, but not including, the overlying controlled airspace. Normally, the overlying controlled airspace is Class E airspace beginning at either 700′ or 1200′ AGL. This will be formatted as:
AIRSPACE: CLASS C svc ''times'' ctc **APP CON** other times CLASS G, with CLASS E 700′ (or 1200′) AGL & abv:
or
AIRSPACE: CLASS D svc ''times'' other times CLASS G with CLASS E 700′ (or 1200′) AGL & abv:
or
AIRSPACE: CLASS E svc ''times'' other times CLASS G with CLASS E 700′ (or 1200′) AGL & abv.
NOTE: AIRSPACE SVC "TIMES" INCLUDE ALL ASSOCIATED ARRIVAL EXTENSIONS. Surface area arrival extensions for instrument approach procedures become part of the primary core surface area. These extensions may be either Class D or Class E airspace and are effective concurrent with the times of the primary core surface area. For example, when a part–time Class C, Class D or Class E surface area defaults to Class G, the associated arrival extensions will default to Class G at the same time. When a part–time Class C or Class D surface area defaults to Class E, the arrival extensions will remain in effect as Class E airspace.
NOTE: CLASS E AIRSPACE EXTENDING UPWARD FROM 700 FEET OR MORE ABOVE THE SURFACE, DESIGNATED IN CONJUNCTION WITH AN AIRPORT WITH AN APPROVED INSTRUMENT PROCEDURE.
Class E 700′ AGL (shown as magenta vignette on sectional charts) and 1200′ AGL (blue vignette) areas are designated when necessary to provide controlled airspace for transitioning to/from the terminal and enroute environments. Unless otherwise specified, these 700′/1200′ AGL Class E airspace areas remain in effect continuously, regardless of airport operating hours or surface area status. These transition areas should not be confused with surface areas or arrival extensions.
(See Chapter 3, AIRSPACE, in the Aeronautical Information Manual for further details)

㉞ RADIO AIDS TO NAVIGATION

The Airport/Facility Directory lists, by facility name, all Radio Aids to Navigation that appear on National Aeronautical Navigation Services Visual or IFR Aeronautical Charts and those upon which the FAA has approved an Instrument Approach Procedure, with exception of selected TACANs. Military TACAN information will be published for Military facilities contained in this publication. All VOR, VORTAC, TACAN, ILS and MLS equipment in the National Airspace System has an automatic monitoring and shutdown feature in the event of malfunction. Unmonitored, as used in this publication, for any navigational aid, means that monitoring personnel cannot observe the malfunction or shutdown signal. The NAVAID NOTAM file identifier will be shown as ''NOTAM FILE IAD'' and will be listed on the Radio Aids to Navigation line. When two or more NAVAIDS are listed and the NOTAM file identifier is different from that shown on the Radio Aids to Navigation line, it will be shown with the NAVAID listing. NOTAM file identifiers for ILSs and its components (e.g., NDB (LOM) are the same as the associated airports and are not repeated. Automated Surface Observing System (ASOS), Automated Weather Observing System (AWOS), and Hazardous Inflight Weather Advisory Service (HIWAS) will be shown when this service is broadcast over selected NAVAIDs.

NAVAID information is tabulated as indicated in the following sample:



Restriction within the normal altitude/range of the navigational aid (See primary alphabetical listing for restrictions on VORTAC and VOR/DME).

Note: Those DME channel numbers with a (Y) suffix require TACAN to be placed in the ''Y'' mode to receive distance information.

HIWAS—Hazardous Inflight Weather Advisory Service is a continuous broadcast of inflight weather advisories including summarized SIGMETs, convective SIGMETs, AIRMETs and urgent PIREPs. HIWAS is presently broadcast over selected VOR's throughout the U.S.

ASR/PAR—Indicates that Surveillance (ASR) or Precision (PAR) radar instrument approach minimums are published in the U.S. Terminal Procedures. Only part-time hours of operation will be shown.

RADIO CLASS DESIGNATIONS

VOR/DME/TACAN Standard Service Volume (SSV) Classifications

SSV Class	Altitudes	Distance (NM)
(T) Terminal	1000′ to 12,000′	25
(L) Low Altitude	1000′ to 18,000′	40
(H) High Altitude	1000′ to 14,500′	40
	14,500′ to 18,000′	100
	18,000′ to 45,000′	130
	45,000′ to 60,000′	100

NOTE: Additionally, (H) facilities provide (L) and (T) service volume and (L) facilities provide (T) service. Altitudes are with respect to the station's site elevation. Coverage is not available in a cone of airspace directly above the facility.

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The term VOR is, operationally, a general term covering the VHF omnidirectional bearing type of facility without regard to the fact that the power, the frequency protected service volume, the equipment configuration, and operational requirements may vary between facilities at different locations.

AB	Automatic Weather Broadcast.
DF	Direction Finding Service.
DME	UHF standard (TACAN compatible) distance measuring equipment.
DME(Y)	UHF standard (TACAN compatible) distance measuring equipment that require TACAN to be placed in the ''Y'' mode to receive DME.
GS	Glide slope.
H	Non-directional radio beacon (homing), power 50 watts to less than 2,000 watts (50 NM at all altitudes).
HH	Non-directional radio beacon (homing), power 2,000 watts or more (75 NM at all altitudes).
H-SAB	Non-directional radio beacons providing automatic transcribed weather service.
ILS	Instrument Landing System (voice, where available, on localizer channel).
IM	Inner marker.
ISMLS	Interim Standard Microwave Landing System.
LDA	Localizer Directional Aid.
LMM	Compass locator station when installed at middle marker site (15 NM at all altitudes).
LOM	Compass locator station when installed at outer marker site (15 NM at all altitudes).
MH	Non-directional radio beacon (homing) power less than 50 watts (25 NM at all altitudes).
MLS	Microwave Landing System.
MM	Middle marker.
OM	Outer marker.
S	Simultaneous range homing signal and/or voice.
SABH	Non-directional radio beacon not authorized for IFR or ATC. Provides automatic weather broadcasts.
SDF	Simplified Direction Facility.
TACAN	UHF navigational facility-omnidirectional course and distance information.
VOR	VHF navigational facility-omnidirectional course only.
VOR/DME	Collocated VOR navigational facility and UHF standard distance measuring equipment.
VORTAC	Collocated VOR and TACAN navigational facilities.
W	Without voice on radio facility frequency.
Z	VHF station location marker at a LF radio facility.

ILS FACILITY PEFORMANCE CLASSIFICATION CODES

Codes define the ability of an ILS to support autoland operations. The two portions of the code represent Official Category and farthest point along a Category I, II, or III approach that the Localizer meets Category III structure tolerances.

Official Category: I, II, or III; the lowest minima on published or unpublished procedures supported by the ILS.

Farthest point of satisfactory Category III Localizer performance for Category I, II, or III approaches: A – 4 NM prior to runway threshold, B – 3500 ft prior to runway threshold, C – glide angle dependent but generally 750–1000 ft prior to threshold, T – runway threshold, D – 3000 ft after runway threshold, and E – 2000 ft prior to stop end of runway.

ILS information is tabulated as indicated in the following sample:

ILS/DME 108.5 I–ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.

ILS Facility Performance Classification Code

FREQUENCY PAIRING PLAN AND MLS CHANNELING

MLS CHANNEL	VHF FREQUENCY	TACAN CHANNEL	MLS CHANNEL	VHF FREQUENCY	TACAN CHANNEL	MLS CHANNEL	VHF FREQUENCY	TACAN CHANNEL
500	108.10	18X	568	109.45	31Y	636	114.15	88Y
502	108.30	20X	570	109.55	32Y	638	114.25	89Y
504	108.50	22X	572	109.65	33Y	640	114.35	90Y
506	108.70	24X	574	109.75	34Y	642	114.45	91Y
508	108.90	26X	576	109.85	35Y	644	114.55	92Y
510	109.10	28X	578	109.95	36Y	646	114.65	93Y
512	109.30	30X	580	110.05	37Y	648	114.75	94Y
514	109.50	32X	582	110.15	38Y	650	114.85	95Y
516	109.70	34X	584	110.25	39Y	652	114.95	96Y
518	109.90	36X	586	110.35	40Y	654	115.05	97Y
520	110.10	38X	588	110.45	41Y	656	115.15	98Y
522	110.30	40X	590	110.55	42Y	658	115.25	99Y
524	110.50	42X	592	110.65	43Y	660	115.35	100Y
526	110.70	44X	594	110.75	44Y	662	115.45	101Y
528	110.90	46X	596	110.85	45Y	664	115.55	102Y
530	111.10	48X	598	110.95	46Y	666	115.65	103Y
532	111.30	50X	600	111.05	47Y	668	115.75	104Y
534	111.50	52X	602	111.15	48Y	670	115.85	105Y
536	111.70	54X	604	111.25	49Y	672	115.95	106Y
538	111.90	56X	606	111.35	50Y	674	116.05	107Y
540	108.05	17Y	608	111.45	51Y	676	116.15	108Y
542	108.15	18Y	610	111.55	52Y	678	116.25	109Y
544	108.25	19Y	612	111.65	53Y	680	116.35	110Y
546	108.35	20Y	614	111.75	54Y	682	116.45	111Y
548	108.45	21Y	616	111.85	55Y	684	116.55	112Y
550	108.55	22Y	618	111.95	56Y	686	116.65	113Y
552	108.65	23Y	620	113.35	80Y	688	116.75	114Y
554	108.75	24Y	622	113.45	81Y	690	116.85	115Y
556	108.85	25Y	624	113.55	82Y	692	116.95	116Y
558	108.95	26Y	626	113.65	83Y	694	117.05	117Y
560	109.05	27Y	628	113.75	84Y	696	117.15	118Y
562	109.15	28Y	630	113.85	85Y	698	117.25	119Y
564	109.25	29Y	632	113.95	86Y			
566	109.35	30Y	634	114.05	87Y			

FREQUENCY PAIRING PLAN AND MLS CHANNELING

The following is a list of paired VOR/ILS VHF frequencies with TACAN channels and MLS channels.

TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL	TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL	TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL
2X	134.5	-	19Y	108.25	544	25X	108.80	-
2Y	134.55	-	20X	108.30	502	25Y	108.85	556
11X	135.4	-	20Y	108.35	546	26X	108.90	508
11Y	135.45	-	21X	108.40	-	26Y	108.95	558
12X	135.5	-	21Y	108.45	548	27X	109.00	-
12Y	135.55	-	22X	108.50	504	27Y	109.05	560
17X	108.00	-	22Y	108.55	550	28X	109.10	510
17Y	108.05	540	23X	108.60	-	28Y	109.15	562
18X	108.10	500	23Y	108.65	552	29X	109.20	-
18Y	108.15	542	24X	108.70	506	29Y	109.25	564
19X	108.20	-	24Y	108.75	554	30X	109.30	512

TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL	TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL	TACAN CHANNEL	VHF FREQUENCY	MLS CHANNEL
30Y	109.35	566	63X	133.60	-	95Y	114.85	650
31X	109.40	-	63Y	133.65	-	96X	114.90	-
31Y	109.45	568	64X	133.70	-	96Y	114.95	652
32X	109.50	514	64Y	133.75	-	97X	115.00	-
32Y	109.55	570	65X	133.80	-	97Y	115.05	654
33X	109.60	-	65Y	133.85	-	98X	115.10	-
33Y	109.65	572	66X	133.90	-	98Y	115.15	656
34X	109.70	516	66Y	133.95	-	99X	115.20	-
34Y	109.75	574	67X	134.00	-	99Y	115.25	658
35X	109.80	-	67Y	134.05	-	100X	115.30	-
35Y	109.85	576	68X	134.10	-	100Y	115.35	660
36X	109.90	518	68Y	134.15	-	101X	115.40	-
36Y	109.95	578	69X	134.20	-	101Y	115.45	662
37X	110.00	-	69Y	134.25	-	102X	115.50	-
37Y	110.05	580	70X	112.30	-	102Y	115.55	664
38X	110.10	520	70Y	112.35	-	103X	115.60	-
38Y	110.15	582	71X	112.40	-	103Y	115.65	666
39X	110.20	-	71Y	112.45	-	104X	115.70	-
39Y	110.25	584	72X	112.50	-	104Y	115.75	668
40X	110.30	522	72Y	112.55	-	105X	115.80	-
40Y	110.35	586	73X	112.60	-	105Y	115.85	670
41X	110.40	-	73Y	112.65	-	106X	115.90	-
41Y	110.45	588	74X	112.70	-	106Y	115.95	672
42X	110.50	524	74Y	112.75	-	107X	116.00	-
42Y	110.55	590	75X	112.80	-	107Y	116.05	674
43X	110.60	-	75Y	112.85	-	108X	116.10	-
43Y	110.65	592	76X	112.90	-	108Y	116.15	676
44X	110.70	526	76Y	112.95	-	109X	116.20	-
44Y	110.75	594	77X	113.00	-	109Y	116.25	678
45X	110.80	-	77Y	113.05	-	110X	116.30	-
45Y	110.85	596	78X	113.10	-	110Y	116.35	680
46X	110.90	528	78Y	113.15	-	111X	116.40	-
46Y	110.95	598	79X	113.20	-	111Y	116.45	682
47X	111.00	-	79Y	113.25	-	112X	116.50	-
47Y	111.05	600	80X	113.30	-	112Y	116.55	684
48X	111.10	530	80Y	113.35	620	113X	116.60	-
48Y	111.15	602	81X	113.40	-	113Y	116.65	686
49X	111.20	-	81Y	113.45	622	114X	116.70	-
49Y	111.25	604	82X	113.50	-	114Y	116.75	688
50X	111.30	532	82Y	113.55	624	115X	116.80	-
50Y	111.35	606	83X	113.60	-	115Y	116.85	690
51X	111.40	-	83Y	113.65	626	116X	116.90	-
51Y	111.45	608	84X	113.70	-	116Y	116.95	692
52X	111.50	534	84Y	113.75	628	117X	117.00	-
52Y	111.55	610	85X	113.80	-	117Y	117.05	694
53X	111.60	-	85Y	113.85	630	118X	117.10	-
53Y	111.65	612	86X	113.90	-	118Y	117.15	696
54X	111.70	536	86Y	113.95	632	119X	117.20	-
54Y	111.75	614	87X	114.00	-	119Y	117.25	698
55X	111.80	-	87Y	114.05	634	120X	117.30	-
55Y	111.85	616	88X	114.10	-	120Y	117.35	-
56X	111.90	538	88Y	114.15	636	121X	117.40	-
56Y	111.95	618	89X	114.20	-	121Y	117.45	-
57X	112.00	-	89Y	114.25	638	122X	117.50	-
57Y	112.05	-	90X	114.30	-	122Y	117.55	-
58X	112.10	-	90Y	114.35	640	123X	117.60	-
58Y	112.15	-	91X	114.40	-	123Y	117.65	-
59X	112.20	-	91Y	114.45	642	124X	117.70	-
59Y	112.25	-	92X	114.50	-	124Y	117.75	-
60X	133.30	-	92Y	114.55	644	125X	117.80	-
60Y	133.35	-	93X	114.60	-	125Y	117.85	-
61X	133.40	-	93Y	114.65	646	126X	117.90	-
61Y	133.45	-	94X	114.70	-	126Y	117.95	-
62X	133.50	-	94Y	114.75	648			
62Y	133.55	-	95X	114.80	-			

(35) COMM/NAV/WEATHER REMARKS:

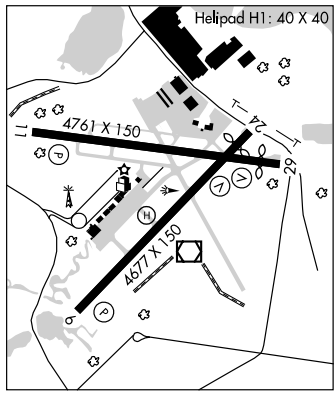
These remarks consist of pertinent information affecting the current status of communications, NAVAIDs and weather.

BRADLEY INTL (See WINDSOR LOCKS)

BRIDGEPORT N41°09.64′ W73°07.47′ NOTAM FILE BDR. NEW YORK
(L) VOR/DME 108.8 BDR Chan 25 at Igor I Sikorsky Mem. 9/12W. H–10I, L–33B, 34I
VOR/DME unusable:
106°–120° byd 30 NM blo 2500′
121°–130° byd 30 NM blo 2200′
161°–180° byd 30 NM blo 1300′
181°–260° byd 30 NM blo 2500′
261°–359° byd 30 NM
261°–359° below 5500′
000°–105° byd 30 NM blo 3000′
RCO 122.1R 108.8T (BRIDGEPORT RADIO)

BRIDGEPORT

IGOR I SIKORSKY MEM (BDR) 3 SE UTC−5(−4DT) N41°09.81′ W73°07.57′ NEW YORK
9 B S4 **FUEL** 100LL, JET A OX 3, 4 TPA–See Remarks LRA Class IV, ARFF Index A COPTER
NOTAM FILE BDR L–33B, 34I
RWY 11–29: H4761X150 (ASPH) S–30, D–108, ST–137 HIRL IAP, AD
RWY 11: REIL. PAPI(P4R)—GA 3.5° TCH 40′. Brush.
RWY 29: REIL. VASI(V4L)—GA 3.0°. Thld dsplcd 364′. Road. Rgt tfc.
RWY 06–24: H4677X150 (ASPH) S–30, D–106, ST–135 HIRL
RWY 06: REIL. PAPI (P4R)—GA 3.0° TCH 53′. Road.
RWY 24: REIL. VASI(V4L)—GA 3.0°. Thld dsplcd 319′. Road.



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 06	11–29	3700
RWY 11	06–24	3350

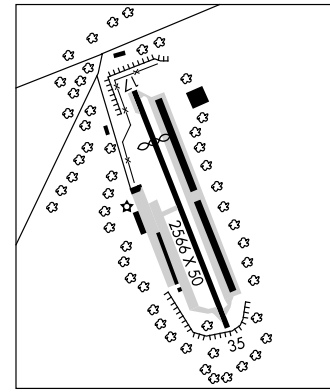
RUNWAY DECLARED DISTANCE INFORMATION:
RWY 06: TORA–4677 TODA–4677 ASDA–4677 LDA–4677
RWY 11: TORA–4761 TODA–4761 ASDA–4761 LDA–4761
RWY 24: TORA–4677 TODA–4677 ASDA–4677 LDA–4358
RWY 29: TORA–4761 TODA–4761 ASDA–4761 LDA–4397
AIRPORT REMARKS: Attended 1130–0300Z‡. Birds and wildlife frequently on and invof arpt. Rwy 06–24 has extensive cracking, spalling, ravelling. PAEW adjacent to all operational surfaces dalgt hrs Apr through Oct. There may be standing water over or adjacent to all surfaces. Uneven surfaces left side of Rwy 29. Extensive helicopter ops sfc–10,000 ft 5–15 miles NW–NE, for tfc information when invof arpt ctc Sikorsky ops on 133.6 (1200–2130Z‡). Touch and go ldgs permitted 1200–0200Z‡. Noise abatement procedures in effect 0200–1200Z‡. Rwy 11–29 CLOSED to unscheduled air carrier ops with more than 30 passenger seats except 24 hrs PPR call arpt mgr 203–576–7497. Rwy 06–24 CLOSED to all air carrier ops. Avoid overflying residential areas NE and SE of arpt. Departing Rwy 24 avoid turns until ½ mile byd shoreline. Acft which exceed 82 decibels 0300–1200Z‡ require 12 hr PPR call 203–576–7497 except military emerg and medical acft. TPA–1009(1000) for single engine, 1509(1500) all others. When winds are less than 5 knots requested use of Rwy 11 or Rwy 29. When the twr is clsd all engine runups are prohibited. However, if an acft requires nighttime engine maintenance, PPR from arpt manager is required and the runups are to be performed on Twy G between Twy J and Twy K. Pilots are advised to use care in positioning their acft to prevent damage from prop wash to afld sign. ACTIVATE HIRL Rwys 11–29 and 06–24; REIL Rwys 06, 24, 11 and 29—CTAF. Parking fee all acft after 2 hrs. Ldg fee all acft except solo students. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (203) 381–9453.
COMMUNICATIONS: CTAF 120.9 **ATIS** 119.15 **UNICOM** 123.0
BRIDGEPORT RCO 122.2 122.1R 108.8T (BRIDGEPORT RADIO)
Ⓡ **NEW YORK APP/DEP CON** 124.075
BRIDGEPORT TOWER 120.9 (1130–0300Z‡) **GND CON** 121.75 **CLNC DEL** 121.75
AIRSPACE: CLASS D svc 1130–0300Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
BRIDGEPORT (L) VOR/DME 108.8 BDR Chan 25 N41°09.64′ W73°07.47′ at fld. 9/12W.
ILS/DME 110.7 I–BDR Chan 44 Rwy 06. ILS unmonitored when twr clsd.
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

HELIPAD H1: H40X40 (ASPH)
HELIPORT REMARKS: Helipad H1 building +56 ft approximately 666 ft SW.

CANDLELIGHT FARMS (See NEW MILFORD)

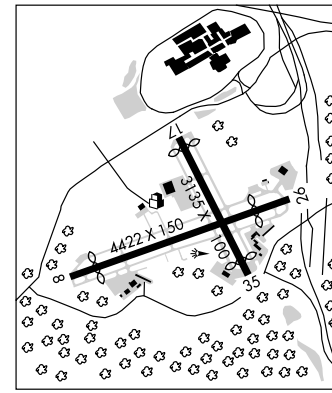
CANDLELIGHT HELIPORT (See NEW MILFORD)

CHESTER (SNC) 3 SW UTC−5(−4DT) N41°23.03′ W72°30.35′ **NEW YORK**
416 B S4 **FUEL** 100LL, JET A NOTAM FILE SNC **L–33C, 34I**
IAP
RWY 17–35: H2566X50 (ASPH) S–8.5 MIRL (NSTD) 0.5% up S
RWY 17: REIL. Thld dsplcd 559′. Trees. **RWY 35:** REIL. Trees.
AIRPORT REMARKS: Attended Apr–Oct 1300–0100Z‡, Nov–Mar 1300–2300Z‡. Rwy 17 dsplcd thld marked but not lgtd; dsplcd thld 5 ft higher than end of rwy. Rotating beacon is clear strobe. Rwy 17–35 NSTD MIRL; no thld lgts.
WEATHER DATA SOURCES: AWOS–3 118.325 (860) 526–1551.
COMMUNICATIONS: CTAF/UNICOM 122.725
RCO 122.25 (BRIDGEPORT RADIO)
MADISON RCO 122.1R 110.4T (BRIDGEPORT RADIO)
Ⓡ **NEW YORK APP/DEP CON** 124.075
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MADISON (L) VOR/DME 110.4 MAD Chan 41 N41°18.83′ W72°41.53′ 076° 9.4 NM to fld. 220/13W.



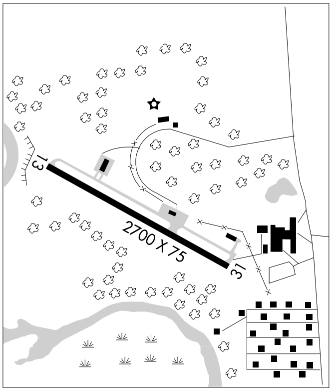
CLERA N41°22.94′ W73°06.75′ NOTAM FILE BDL.
NDB (MHW) 362 JWE 004° 5.9 NM to Waterbury–Oxford.

DANBURY MUNI (DXR) 3 SW UTC−5(−4DT) N41°22.29′ W73°28.93′ **NEW YORK**
458 B S4 **FUEL** 100LL, JET A OX 4 TPA—See Remarks Class IV, ARFF Index A **L–33B, 34I**
NOTAM FILE DXR **IAP, AD**
RWY 08–26: H4422X150 (ASPH–GRVD) S–38, D–70, ST–90 MIRL
RWY 08: REIL. Thld dsplcd 368′. Trees.
RWY 26: REIL. Thld dsplcd 734′. Trees.
RWY 17–35: H3135X100 (ASPH) S–50, D–65, ST–82
RWY 17: Thld dsplcd 223′. Pole.
RWY 35: Thld dsplcd 231′. Trees.
AIRPORT REMARKS: Attended 1200Z‡–dusk. 24 hr self–serve fuel avbl. Deer and birds on and invof arpt. Rwy 17–35 CLOSED ngts. Arpt CLOSED to air carrier ops. Prohibited to ultralgt and unregistered acft. Part 121 and 135 ops compute effective rwy lengths. All others be aware remaining rwy length avbl after clearing controlling obstruction. Rwys 08 and 26 may be insufficient depending on type acft. Intersection tkfs; stop and go tkfs not authorized. ACTIVATE MIRL Rwy 08–26 and REIL Rwys 08 and 26 when twr clsd–119.4. Acft using Rwy 35 not visible from twr descending below 1300 ft on base leg until approaching ½ mi final due to natural terrain. TPA—1701(1243)—Jet acft 2201(1743). Noise abatement procedures in effect ctc arpt manager 203–797–4624. PPR 24 hours for unscheduled air carrier operations with more than 30 passenger seats; call arpt manager 203–797–4624. PPR for formation tkf/ldg; ctc arpt manager. Rotating bcn located one mile S of arpt on top of a hill.



WEATHER DATA SOURCES: ASOS 127.75 (1200–0300Z‡) (203) 791–8227. LAWRS.
COMMUNICATIONS: CTAF 119.4 **ATIS** 127.75 **UNICOM** 122.95
Ⓡ **NEW YORK APP/DEP CON** 126.4 **CLNC DEL** 128.6 (When DXR twr clsd.)
TOWER 119.4 (1200–0300Z‡) **GND CON** 121.6
AIRSPACE: CLASS D svc 1200–0300Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
CARMEL (L) VORW/DME 116.6 CMK Chan 113 N41°16.80′ W73°34.88′ 051° 7.1 NM to fld. 690/12W.
ILS/DME 111.55 I–DXR Chan 52Y Rwy 08. Localizer only. LOC unmonitored when twr clsd. LOC offset angle 3°. Unusable byd 20° rgt side of course. DME unusable byd 10 NM byd 5° right of course, and 12° left of course.

DANIELSON (LZD) 2 NW UTC−5(−4DT) N41°49.19′ W71°54.06′ **NEW YORK**
238 B S4 NOTAM FILE BDR **L–33C, 34J**
RWY 13–31: H2700X75 (ASPH) S–29 MIRL **IAP**
RWY 13: Tree. **RWY 31:** REIL. Tree.
AIRPORT REMARKS: Attended Mon–Fri 1300–2100Z‡. Parachute Jumping. Extensive parachute jumping activity SR–SS May thru Sept. Glider activity on and invof arpt. Deer on and invof arpt. Ldgs and tkfs on Rwy 13–31 only; no turf use authorized. ACTIVATE MIRL Rwy 13–31 and REIL Rwy 31—CTAF. Landing fee for business, corporate and revenue producing aircraft.
WEATHER DATA SOURCES: AWOS–3 119.125 (860) 779–7251. LAWRS.
COMMUNICATIONS: CTAF/UNICOM 123.0
PUTNAM RCO 122.1R 117.4T (BRIDGEPORT RADIO)
® **PROVIDENCE APP/DEP CON** 135.4 (1045–0500Z‡)
BOSTON CENTER APP/DEP CON 124.85 (0500–1045Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33′ W71°50.65′ 211° 8.5 NM to fld. 650/14W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.



EAST HADDAM

GOODSPEED (42B) 1 SE UTC−5(−4DT) N41°26.74′ W72°27.34′ **NEW YORK**
9 NOTAM FILE BDR
RWY 14–32: H2120X50 (ASPH) S–8 LIRL
RWY 14: Trees. **RWY 32:** Trees.
AIRPORT REMARKS: Attended 1400–2200Z‡. Fuel unavailable. Deer occasionally on rwy at ngt. Landing fee. Overnight parking fee.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.

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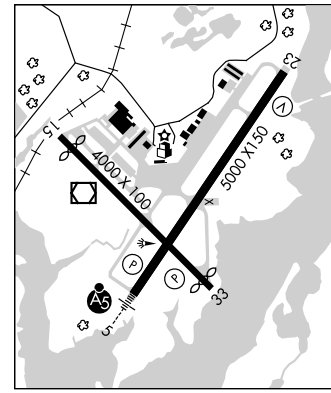
00
WATERWAY 16–34: 4500X1000 (WATER)
WATERWAY 16: Bridge.

ELLINGTON (7B9) 2 N UTC−5(−4DT) N41°55.53′ W72°27.43′ **NEW YORK**
253 S4 **FUEL** 100LL TPA—1253(1000) NOTAM FILE BDR
RWY 01–19: H1800X50 (ASPH) S–9 LIRL (NSTD)
RWY 01: Trees. **RWY 19:** Trees.
AIRPORT REMARKS: Attended 1300–2300Z‡. Parachute Jumping. Extensive helicopter training ops. Rwy 01–19 rgt tfc for helicopters only. Rwy 01–19 NSTD LIRL due to spacing and color variation. NSTD LIRL Rwy 01–19 operates dusk–0500Z‡; after 0500Z‡ for NSTD LIRL Rwy 01–19 call 860–871–2054.
COMMUNICATIONS: CTAF/UNICOM 123.0
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.

GOODSPEED (See EAST HADDAM)

GROTON (NEW LONDON)

GROTON–NEW LONDON (GON) 3 SE UTC−5(−4DT) N41°19.80′ W72°02.71′ **NEW YORK**
9 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA—(See Remarks) LRA **H–10I, 12J, L–33C, 34I**
Class IV, ARFF Index A NOTAM FILE GON **IAP, AD**



RWY 05–23: H5000X150 (ASPH–GRVD) S–90, D–113, ST–143
DT–200 HIRL
RWY 05: MALSR. PAPI (P4L)—GA 3.0° TCH 42′. Trees.
RWY 23: REIL. VASI(V4L)—GA 3.0°TCH 50′. Tree.
RWY 15–33: H4000X100 (ASPH–GRVD) S–90, D–113, ST–143
HIRL
RWY 15: Thld dsplcd 307′. Tree/Railroad.
RWY 33: REIL. PAPI(P4L)—GA 3.75° TCH 34′. Thld dsplcd 205′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION:
RWY 15: TORA–4000 TODA–4000 ASDA–3798 LDA–3491
RWY 33: TORA–4000 TODA–4125 ASDA–3871 LDA–3666
AIRPORT REMARKS: Attended 1100–0200Z‡. For fuel after hrs call 24 hrs in advance 860–449–1400 or 446–8621. Self–svc 100LL avbl 24 hrs. CLOSED to unscheduled air carrier ops with more than 30 passenger seats except 48 hr PPR call arpt manager 860–625–0375. No touch and go ops are permitted between 0300–1100Z‡. Practice apchs/full–stop/touch and go landings prohibited by pure jets acft and acft weighing 12,500 pounds and over except by written approval from the Connecticut State Bureau of Aviation and Ports. Deer, birds and waterfowl on and invof arpt. TPA 1009 (1000) lgt acft; 1509 (1500) turbojet and all turbine powered acft. No acft parking in arpt security zone on main ramp without prior authorization. Noise abatement procedures in effect are as follows: Rwy 05: Turn left heading 020° until reaching 1000′, then on course; Rwy 23: Turn left heading 210° until reaching 1000′, then on course; Rwy 33: Fly rwy heading until reaching 1000′, then on course. Terminal aerodrome forecast svc avbl. When twr clsd ACTIVATE HIRL Rwys 05–23 and 15–33; MALSR Rwy 05—CTAF. Ldg fee for business, corporate and revenue producing acft. Flight Notification Service (ADCUS) available. U.S. Customs svc avbl with 6 hr PPR call Mon–Fri 1300–2100Z‡ on 203–773–2040 (or toll free in the U.S. 1–800–973–2867) and from Canada 407–975–1740. Call before 2000Z‡ on Friday for weekend or holiday svc requests. Transient pilots at general aviation ramp exit and re–enter arpt via pilot pedestrian gate adjacent to main terminal with posted gate lock combination. This gate is lgtd with electronic surveillance 24 hrs a day.
WEATHER DATA SOURCES: ASOS (860) 449–8921. LAWRS.
COMMUNICATIONS: CTAF 125.6 **ATIS** 127.0
RCO 122.1R 110.85T (BRIDGEPORT RADIO)
Ⓡ **PROVIDENCE APP/DEP CON** 125.75 (1045–0500Z‡) **CLNC DEL** 119.85 (0300–0500Z‡ and 1100–1200Z‡)
BOSTON CENTER APP/DEP CON 124.85 (0500–1045Z‡)
TOWER 125.6 (1200–0300Z‡) **GND CON** 121.65
AIRSPACE: CLASS D svc 1200–0300Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE GON.
(T) VOR/DME 110.85 GON Chan 45(Y) N41°19.82′ W72°03.12′ at fld. 20/14W.
VOR portion unusable:
241°–265° blo 5000′
DME portion unusable:
355°–019° blo 3000′
ILS/DME 111.3 I–GON Chan 50 Rwy 05. Class IT. ILS unmonitored when twr clsd.

HARTFORD N41°38.46′ W72°32.86′ NOTAM FILE HFD. **NEW YORK**
(L) VORW/DME 114.9 HFD Chan 96 334° 7.3 NM to Hartford–Brainard. 850/13W. **H–10I, 12J, L–33C, 34I**
HIWAS.

HARTFORD–BRAINARD (HFD) 3 SE UTC−5(−4DT) N41°44.20′ W72°38.97′ **NEW YORK**

18 B S4 **FUEL** 100LL, JET A TPA—1018(1000) NOTAM FILE HFD **L–33C, 34I**

RWY 02–20: H4417X150 (ASPH–GRVD) S–30, D–43, DT–70 HIRL **IAP, AD**

RWY 02: REIL. PAPI(P4L)—GA 4.0° TCH 40′. Thld dsplcd 411′. Trees.

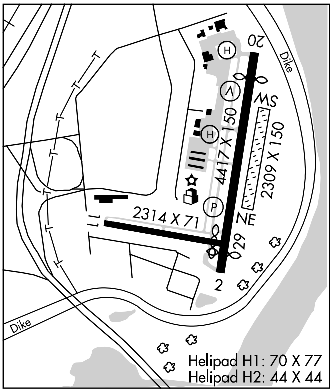
RWY 20: REIL. VASI(V4R)—GA 4.0°. Thld dsplcd 560′. Trees.

RWY 11–29: H2314X71 (ASPH) S–10 HIRL

RWY 11: Trees. **RWY 29:** Thld dsplcd 265′. Trees.

RWY NE–SW: 2309X150 (TURF)

RWY NE: Trees. **RWY SW:** Trees.



AIRPORT REMARKS: Attended Mon-Fri continuously, Sat-Sun 1100–0400Z‡. Be alert, (HFD) is located on west side of river. There is a clsd arpt 1 mile east northeast of (HFD). Turf Rwy NE–SW CLOSED during winter months from Nov 2 to Apr 30 except for ski–equipped acft and helicopter training. Arpt CLOSED to air carrier ops. 20 ft drop off departure end Rwy 20. Birds and deer on and invof airport. Touch and go ldg and practice instrument apch prohibited Mon–Sat 0300–1100Z‡ and Sun 0300–1400Z‡. Arpt located in noise sensitive area and populated areas to S and W should be avoided, see Brainard twr letters to airmen. Rwy 02–20 grooving 130 ft wide. When twr clsd ACTIVATE HIRL Rwy 02–20 and REIL Rwy 02 and Rwy 20—CTAF. PAPI Rwy 02 and VASI Rwy 20 on 24 hrs. Ldg fee for business, corporate and revenue producing acft.

WEATHER DATA SOURCES: ASOS (860) 527–5837 **HIWAS** 114.9 HFD. LAWRS.

COMMUNICATIONS: CTAF 119.6 **ATIS** 126.45 (860) 246–5929 **UNICOM** 122.95

® **BRADLEY APP/DEP CON** 127.8 **CLNC DEL** 121.6

BRAINARD TOWER 119.6 (1100–0500Z‡) **GND CON** 121.6

AIRSPACE: CLASS D svc 1100–0500Z‡ other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.

(L) VORW/DME 114.9 HFD Chan 96 N41°38.47′ W72°32.85′ 334° 7.3 NM to fld. 849/13W. **HIWAS.**

LOMIS NDB (LOM) 244 HF N41°38.13′ W72°37.54′ 005° 6.2 NM to fld. NDB unmonitored when twr clsd. SHUTDOWN.

LDA 109.7 I–HFD Rwy 02. LDA unmonitored when twr clsd.

• •

HELIPAD H1: H70X77 (ASPH) MIRL

HELIPAD H2: H44X44 (ASPH) MIRL

HELIPORT REMARKS: Helipad H1 hanger (26 ft high at 290° west) 234 ft from helipad.

IGOR I SIKORSKY MEM (See BRIDGEPORT)

LOMIS N41°38.13′ W72°37.54′ NOTAM FILE HFD. **NEW YORK**

NDB (LOM) 244 HF 005° 6.2 NM to Hartford–Brainard. NDB unmonitored when twr clsd. SHUTDOWN. **L–33C, 34I**

MADISON N41°18.83′ W72°41.53′ NOTAM FILE BDR. **NEW YORK**

(L) VOR/DME 110.4 MAD Chan 41 264° 9.3 NM to Tweed–New Haven. 220/13W **H–10I, L–33C, 34I**

DME portion unusable 330°–060° byd 30 NM blo 4000′.

RCO 122.1R 110.4T (BRIDGEPORT RADIO)

MARLBOROUGH

SALMON RIVER AIRFIELD (9B8) 3 S UTC−5(−4DT) N41°35.37′ W72°26.54′ **NEW YORK**

540 NOTAM FILE BDR

RWY 17–35: 2000X60 (TURF)

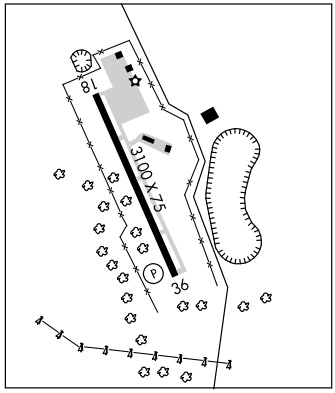
RWY 17: Trees. Rgt tfc. **RWY 35:** Trees.

AIRPORT REMARKS: Attended irregularly. Arpt CLOSED SS–SR. Arpt CLOSED Dec 15–Apr 30.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.

MERIDEN MARKHAM MUNI (MMK) 3 SW UTC−5(−4DT) N41°30.52′ W72°49.77′ **NEW YORK**
103 B S4 **FUEL** 100LL TPA—See Remarks NOTAM FILE MMK **L–33B, 34I**
RWY 18–36: H3100X75 (ASPH) S–30 MIRL **IAP**
RWY 18: Tree.
RWY 36: REIL. PAPI(P4L)—GA 3.5° TCH 40′. P-lines.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Crane 150 ft AGL ¼ mile NW apch end Rwy 18 dalgt hours intermittent. Crane(s) ¼ mile NW arpt. PPR for jet. Rwy 36 no touch and go ldg. Calm wind Rwy 18. ACTIVATE MIRL Rwy 18–36 and REIL Rwy 36—CTAF. TPA for fixed wing acft 1103 (1000); TPA for helicopters 603 (500).
WEATHER DATA SOURCES: ASOS 134.925 (203) 639–9405.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **BRADLEY APP/DEP CON** 127.8 **CLNC DEL** 120.65
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MADISON (L) VOR/DME 110.4 MAD Chan 41 N41°18.83′ W72°41.53′ 345° 13.2 NM to fld. 220/13W.



NEW HAVEN N41°15.74′ W72°53.11′ NOTAM FILE HVN. **NEW YORK**
(T) VOR/DME 109.8 HVN Chan 35 at Tweed–New Haven. 6/13W. **L–33B, 34I**
VOR/DME unusable 070°–120° blo 6000′; 120°–070° byd 18 NM blo 2700′.
RCO 122.1R 109.8T (BRIDGEPORT RADIO)

NEW HAVEN

TWEED–NEW HAVEN (HVN) 3 SE UTC−5(−4DT) N41°15.83′ W72°53.21′ **NEW YORK**
12 B S4 **FUEL** 100LL, JET A OX 1, 3 TPA—See Remarks LRA **H–10I, 12J, L–33B, 34I**
Class I, ARFF Index A NOTAM FILE HVN **IAP, AD**

RWY 02–20: H5600X150 (ASPH–GRVD) S–110, D–160, ST–175 HIRL
RWY 02: MALSF. PAPI(P4L)—GA 3.0°TCH 50′. Trees.
RWY 20: VASI(V4L)—GA 4.0°TCH 56′. Thld dsplcd 352′. Trees. 591′
RWY 14–32: H3626X100 (ASPH) S–30, D–60 MIRL
RWY 14: Thld dsplcd 361′. Trees. **RWY 32:** PAPI (P4L)—GA 3.5° TCH 50′. Thld dsplcd 300′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION:
RWY 14: TORA–3630 TODA–3630 ASDA–3392 LDA–3028
RWY 32: TORA–3630 TODA–3630 ASDA–3630 LDA–3329
AIRPORT REMARKS: Attended 1100–0300Z‡. Fuel avbl after hrs 203–467–9555. Rwy 14 CLOSED to jet ops and ngt ldg, Rwy 32 CLOSED to jet departures except by prior permission 203–466–8884. CLOSED to unscheduled air carrier ops with more than 19 passenger seats except PPR call ops 203–466–8844. Touch and go landing permitted 1200–0300Z‡ Mon–Sat; 1300–0300Z‡ Sun. CLOSED to acft over 78 decibels 1200–0300Z‡; 73 decibels 0300–0500Z‡ and 1100–1200Z‡; 68 decibels 0500–1100Z‡ except military emergency and medical acft; PPR call 203–466–8844 1400–2100Z‡ Mon–Fri. Noise abatement procedures in effect. Allowed decibels levels are: 68 decibels 0500–1100Z‡; 73 decibels 1100–1200Z‡; 78 decibels 1200–0300Z‡; 73 decibels 0300–0500Z‡ except military emergency and medical acft. Extensive helicopter ops sfc–10,000 ft within 20 miles NW–N, for tfc information when in vicinity ctc Sikorsky ops on 123.2 1200–2130Z‡. Ldg helicopters use Twys A and G intersection. Twy B south of Twy E clsd to air carrier acft in excess of 75,000 lbs gross tkf weight. PAEW adjacent to all operational surfaces dalgt hrs Apr–Oct. Departing Rwy 20, right and left turn made after passing shoreline. TPA for single and light twin engine acft 1011 (999) and 1511 (1499) for all other acft. Avoid close–in base legs and short apchs ldg Rwy 14 and 20. Intersection departures are permitted when twr operational only to acft less than 12,500 lbs gross weight and only at the following intersections: Rwy 20 from Twy F has 4950 ft avbl and Rwy 02 from Twy B has 4750 ft avbl and Rwy 32 at hotel. Wildlife frequently on or invof arpt. No transient parking on N or W ramps. Rwy 02 touchdown runway visual range avbl. Bcn ATC-CTL. When twr clsd ACTIVATE HIRL Rwy 02–20; MALSF Rwy 02; MIRL Rwy 14–32—CTAF. Ldg fee over 5,000 lbs except military and government acft. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (203) 466–6205. LAWRS.
COMMUNICATIONS: CTAF 124.8 **ATIS** 133.65 **UNICOM** 122.95
NEW HAVEN RCO 122.1R 109.8T (BRIDGEPORT RADIO)
Ⓡ **NEW YORK APP/DEP CON** 124.075
NEW HAVEN TOWER 124.8 (1100–0300Z‡) **GND CON** 121.7
AIRSPACE: CLASS D svc 1100–0300Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE HVN.
NEW HAVEN (T) VOR/DME 109.8 HVN Chan 35 N41°15.74′ W72°53.11′ at fld. 6/13W.
ILS/DME 109.1 I–HVN Chan 28 Rwy 02. Class IT. ILS unmonitored when twr clsd. VGSI and ILS glideslope not coincident.

NEW MILFORD

CANDLELIGHT FARMS (11N) 3 SW UTC−5(−4DT) N41°34.01′ W73°27.97′ **NEW YORK**
675 NOTAM FILE BDR
RWY 17–35: 2900X50 (TURF)
RWY 17: Hill. **RWY 35:** Trees.
AIRPORT REMARKS: Attended daylight hours. Arpt CLOSED to helicopters and glider activity. Arpt CLOSED to touch and go ldg. Arpt CLOSED to transient. Experimental acft only by PPR 860–350–3577. Rwy 17–35 panel markers at each rwy end. Ldg fee. Overnight parking by PPR 860–350–3577. Fee for overnight parking.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.

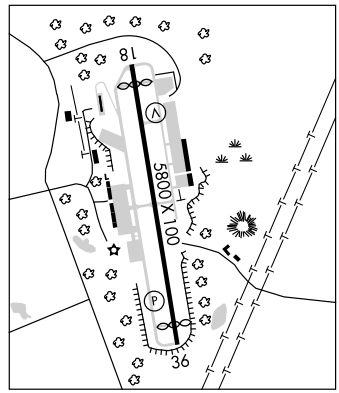
CANDLELIGHT HELIPORT (6Y2) 2 W UTC−5(−4DT) N41°34.07′ W73°27.64′ **NEW YORK**
675 NOTAM FILE BDR
HELIPAD H1: H50X50 (ASPH)
HELIPORT REMARKS: Unattended. Heliport CLOSED except PPR call 860–354–4681. Helipad H1 28 ft building 135 ft east of pad.
COMMUNICATIONS: CTAF 122.9

NORTHFIELD HELIPORT (See THOMASTON)

NORWICH N41°33.38′ W71°59.96′ NOTAM FILE BDR. NEW YORK
(L) VOR/DME 110.0 ORW Chan 37 203° 13.7 NM to Groton–New London. 310/14W. H–10I, L–33C, 34I
RCO 122.1R 110.0T (BRIDGEPORT RADIO)

OXFORD

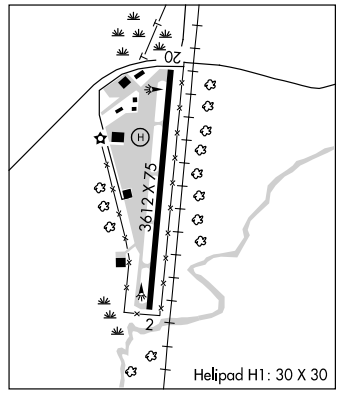
WATERBURY–OXFORD (OXC) 3 N UTC−5(−4DT) N41°28.71′ W73°08.12′ NEW YORK
726 B S4 **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE OXC H–10I, 12J, L–33B, 34I
RWY 18–36: H5800X100 (ASPH–GRVD) S–50, D–85, ST–107, DT–145 HIRL 0.8% up N IAP, AD
RWY 18: VASI(V4L)—GA 3.0°TCH 56′. Thld dsplcd 300′. Tree.
RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 56′. Thld dsplcd 500′. P–lines.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 18: TORA–5800 TODA–5800 ASDA–5300 LDA–5000
RWY 36: TORA–5800 TODA–5800 ASDA–5500 LDA–5000
AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. 748′ electric transmission towers running NE to SW 0.2 miles north of middle marker. PAEW vicinity Rwy 18–36 safety zone summer only SR–SS (mowing in progress daily). Arpt CLOSED to air carrier ops. Touch and go landings and practice low approaches prohibited between 0400–1200Z‡. Practice low approach Rwy 36 not allowed when Rwy 18 is active. All sod areas CLOSED. Rwy 36 calm wind rwy. TPA for acft up to 12,500 lbs 1699 (973), acft over 12,500 lbs 2199 (1473). Twy B south of Twy G reflectors only. Twy D reflectors only. ACTIVATE HIRL Rwy 18–36—CTAF. Ldg fee for business, corporate and revenue producing acft.



WEATHER DATA SOURCES: AWOS–3 132.975 (203) 262–1190.
COMMUNICATIONS: CTAF 118.475 **ATIS** 132.975 (203) 262–1190 **UNICOM** 122.7
Ⓡ **NEW YORK APP/DEP CON** 124.075 135.1 **CLNC DEL** 135.1
TOWER 118.475 (1100–0200Z‡) **GND CON** 121.65
CLNC DEL 121.65
AIRSPACE: CLASS D svc 1100–0200Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MADISON (L) VOR/DME 110.4 MAD Chan 41 N41°18.83′ W72°41.53′ 309° 22.3 NM to fld. 220/13W.
CLERA NDB (MHW) 362 JWE N41°22.94′ W73°06.75′ 004° 5.9 NM to fld.
NDB (MHW) 257 TBY N41°31.76′ W73°08.63′ 187° 3.1 NM to fld. Unusable beyond 10 NM.
ILS/DME 109.55 I–OXC Chan 32 (Y) Rwy 36. Class IIB. ILS unmonitored. LOC unusable byd OM above 5200 and at thld abv 1700 ft.

PLAINVILLE

ROBERTSON FLD (4B8) 2 N UTC−5(−4DT) N41°41.42′ W72°51.89′ NEW YORK
200 B S4 **FUEL** 100LL, JET A OX 1 TPA—See Remarks NOTAM FILE BDR L–33B, 34I
RWY 02–20: H3612X75 (ASPH) S–25 MIRL
RWY 02: REIL. **RWY 20:** REIL. Trees.
AIRPORT REMARKS: Attended Oct–Apr 1130–0100Z‡, May–Sep 1230–0100Z‡. ACTIVATE MIRL Rwy 02–20—CTAF. REIL Rwys 02 and 20 opr when rwy lgts on high intensity. TPA for acft less than 12,500 pounds 1000 (800), for acft 12,500 pounds and above 1500 (1300). Ldg fee for commercial and corporate acft only.
COMMUNICATIONS: CTAF/UNICOM 122.8
BRADLEY CLNC DEL 134.5
RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.
HARTFORD (L) VORW/DME 114.9 HFD Chan 96 N41°38.47′ W72°32.85′ 295° 14.6 NM to fld. 849/13W. **HIWAS.**
• • • • • • • • • • • • • • • • •
HELIPAD H1: H30X30 (ASPH)



PUTNAM N41°57.33′ W71°50.65′ NOTAM FILE BDR. NEW YORK
(H) VOR/DME 117.4 PUT Chan 121 211° 8.5 NM to Danielson. 650/14W. H–10I, 11D, L–33C, 34J
DME unusable 265°–301° byd 36 NM blo 3000′
RCO 122.1R 117.4T (BRIDGEPORT RADIO)

PUTNAM

TOUTANT (C44) 6 NW UTC−5(−4DT) N41°57.34′ W72°03.26′ NEW YORK
770 NOTAM FILE BDR
RWY 17–35: H1756X60 (ASPH) RWY LGTS(NSTD)
RWY 17: Trees. RWY 35: Trees.
AIRPORT REMARKS: Attended irregularly. Rwy 17–35 not plowed winter; no ski ops. NSTD lgting not L–800 series. For lgts call 860–974–2099. Be alert for back–taxiing acft on rwy.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.

ROBERTSON FLD (See PLAINVILLE)

SALMON RIVER AIRFIELD (See MARLBOROUGH)

SIKORSKY HELIPORT (JSD) 41°14.96′ W73°05.81′ NEW YORK
AIRSPACE: CLASS D svc Mon–Sat 1300Z‡–SS other times CLASS G. L–33B, 34I

SIMSBURY (4B9) 3 NE UTC−5(−4DT) N41°54.97′ W72°46.62′ NEW YORK
195 S4 FUEL 100LL NOTAM FILE BDR
RWY 03–21: H2205X50 (ASPH) S–25 MIRL
RWY 03: Trees. RWY 21: Thld dsplcd 270′. Road.
AIRPORT REMARKS: Attended 1330–2200Z‡. CAUTION—birds frequently on and invof arpt, particularly in apch to Rwy 03. Rwy 03 has an up-hill grade. Rwy 03–21 NSTD thld lgts green/green. ACTIVATE MIRL Rwy 03–21—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.7
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.

SKYLARK AIRPARK (See WAREHOUSE POINT)

THOMASTON

NORTHFIELD HELIPORT (NØ9) 4 NW UTC−5(−4DT) N41°43.42′ W73°06.94′ NEW YORK
903 NOTAM FILE BDR
HELIPAD H1: 100X100 (TURF)
HELIPORT REMARKS: Unattended. Heliport CLOSED indef. VFR only. Helipad H1 N apch obstructed by 30 ft trees 260 ft S of pad; apch ratio 8:1. S apch obstructed by 55 ft trees 500 ft N of pad; apch ratio 9:1.
COMMUNICATIONS: CTAF 122.9

TOUTANT (See PUTNAM)

TWEED–NEW HAVEN (See NEW HAVEN)

WAREHOUSE POINT

SKYLARK AIRPARK (7B6) 2 E UTC−5(−4DT) N41°55.71′ W72°34.58′ NEW YORK
120 S4 FUEL 100LL, MOGAS NOTAM FILE BDR L–33C, 34I
RWY 10–28: H3242X60 (ASPH) S–9 LIRL (NSTD)
RWY 10: Thld dsplcd 600′. P–line. RWY 28: Thld dsplcd 175′. Trees.
AIRPORT REMARKS: Attended daylight hours. No ngt touch and go landing. Bring tiedown ropes. Rwy 10 surface gravel prior to dsplcd thld. Arpt lgts OTS indef. Rwy 10–28 dsplcd thld Rwy 10–28 first 175′ east end not lgtd. ACTIVATE NSTD LIRL Rwy 10–28—122.8.
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE BDL.
BRADLEY (T) VORTACW 109.0 BDL Chan 27 N41°56.46′ W72°41.32′ 113° 5.1 NM to fld. 160/14W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.

WATERBURY (N41) 4 N UTC−5(−4DT) N41°38.01′ W73°02.81′ **NEW YORK**

850 NOTAM FILE BDR

RWY 17–35: 2005X135 (TURF)

RWY 17: Trees. **RWY 35:** Road.

RWY 02–20: 1600X250 (TURF)

RWY 02: Trees. **RWY 20:** Trees.

AIRPORT REMARKS: Unattended. Extreme CAUTION Ldg/taxi app end Rwy 35 winter months and after heavy rain, poor drainage.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.

WATERBURY N41°31.76′ W73°08.62′ NOTAM FILE BDR. **NEW YORK**

NDB (MHW) 257 TBY 187° 3.1 NM to Waterbury–Oxford. Unusable byd 10 NM. **L–33B, 34I**

WATERBURY–OXFORD (See OXFORD)

WILLIMANTIC

WINDHAM (IJD) 3 NE UTC−5(−4DT) N41°44.64′ W72°10.81′ **NEW YORK**

247 B S4 **FUEL** 100LL, JET A TPA—1247(1000) NOTAM FILE IJD **L–33C, 34J**

RWY 09–27: H4278X100 (ASPH) S–30 MIRL **IAP**

RWY 09: Thld dsplcd 261′. Trees.

RWY 27: REIL. PAPI(P4L). Tree.

RWY 18–36: H2797X75 (ASPH) S–30 0.4% up S

RWY 18: Trees. **RWY 36:** Thld dsplcd 799′. Trees.

AIRPORT REMARKS: Attended 1300Z‡–dusk. Birds on and invof arpt. 4 obstruction lgts on surrounding hills OTS indef. ACTIVATE MIRL Rwy 09–27, REIL Rwy 27 and PAPI Rwy 27 opr 24 hrs—CTAF. Ldg fee for business, corporate and revenue producing acft.

WEATHER DATA SOURCES: ASOS 133.675 (860) 456–8839.

COMMUNICATIONS: CTAF/UNICOM 122.975

NORWICH RCO 122.1R 110.0T (BRIDGEPORT RADIO)

BOSTON CENTER APP CON 124.85 (0500–1045Z‡)

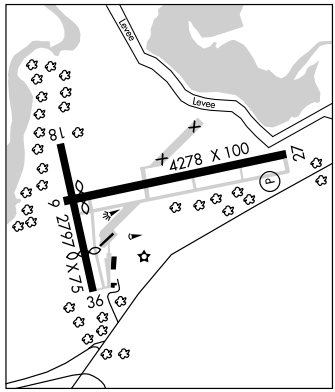
Ⓡ **BRADLEY APP/DEP CON** 127.8 **BRADLEY CLNC DEL** 128.6

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

NORWICH (L) VOR/DME 110.0 ORW Chan 37

N41°33.38′ W71°59.96′ 338° 13.9 NM to fld. 310/14W.

ILS/DME 108.35 I–IJD Chan 20Y Rwy 27 (LOC only). DME unusable byd 12 NM. LOC unusable byd 20° right and left side of course.



WINDHAM (See WILLIMANTIC)

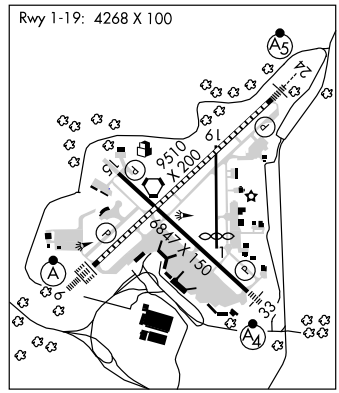
WINDSOR LOCKS N41°56.37′ W72°40.49′ **NEW YORK**

RCO 122.3 (BRIDGEPORT RADIO) **L–33C, 34I**

WINDSOR LOCKS

BRADLEY INTL (BDL) 3 W UTC−5(−4DT) N41°56.33′ W72°40.99′ **NEW YORK**
173 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks **H–10I, 11D, 12J, L–33C, 34I**
LRA Class I, ARFF Index D NOTAM FILE BDL **IAP, AD**

RWY 06–24: H9510X200 (ASPH–GRVD) S–200, D–200, ST–175, DT–350, DDT–710 HIRL CL
RWY 06: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 71′. Trees.
RWY 24: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 71′. Trees.
RWY 15–33: H6847X150 (ASPH–GRVD) S–200, D–200, ST–175, DT–350 HIRL
RWY 15: REIL. PAPI(P4L)—GA 3.5°TCH 61′. Trees.
RWY 33: MALSF. PAPI(P4R)—GA 3.0°TCH 72′. Trees.
RWY 01–19: H4268X100 (ASPH) S–60, D–190, ST–175, DT–328 MIRL
RWY 01: Thld dsplcd 475′. Acft. **RWY 19:** Trees.



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 06	01–19	6000
RWY 24	15–33	5850
RWY 33	06–24	4550

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01:	TORA–4268	TODA–4268	ASDA–4268	
RWY 06:	TORA–9509	TODA–9509	ASDA–9509	LDA–9509
RWY 15:	TORA–6847	TODA–6847	ASDA–6847	LDA–6847
RWY 19:				LDA–4268
RWY 24:	TORA–9509	TODA–9509	ASDA–9509	LDA–9509
RWY 33:	TORA–6847	TODA–6847	ASDA–6847	LDA–6847

AIRPORT REMARKS: Attended continuously. Numerous birds frequently on or invof arpt. No training flights; no practice apchs; no touch and go ldgs between: Mon–Sat 0400–1200Z‡ and Sun 0400–1700Z‡. Rwy 01–19 open for acft with wingspan less than 79′. Twy J clsd between S and R to acft with wing spans in excess of 171 ft. ASDE–X Surveilance System in Use. Pilots should operate transponders with Mode C on all twys and rwys. Rwy 33 touchdown RVR avbl. TPA—1873(1700) heavy acft. Ldg fee for business, corporate and revenue producing acft. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (860) 627–9732. WSP.
COMMUNICATIONS: D-ATIS 118.15 (860–386–3570) **UNICOM** 122.95
WINDSOR LOCKS RCO 122.3 (BRIDGEPORT RADIO)
Ⓡ **BRADLEY APP CON** 123.95 (176°–240°) 125.35 (241°–060°) 127.8 (061°–175° and HFD area)
Ⓡ **BRADLEY DEP CON** 123.95 (176°–240°) 125.35 (241°–060°) 127.8 (061°–175° and HFD area)
TOWER 120.3 **GND CON** 121.9 **CLNC DEL** 121.75
AIRSPACE: CLASS C svc continuous ctc **APP CON**
RADIO AIDS TO NAVIGATION: NOTAM FILE BDL.
(T) VORTACW 109.0 BDL Chan 27 N41°56.46′ W72°41.32′ at fld. 160/14W.
ILS/DME 111.1 I–BDL Chan 48 Rwy 06. Class IIIE.
ILS/DME 108.55 I–IKX Chan 22(Y) Rwy 33. Class IE.
ILS/DME 111.1 I–MYQ Chan 48 Rwy 24. Class IT. DME unusable from .4 NM inbound to Rwy 24.

YALESVILLE HELIPORT (4C3) 2 N UTC−5(−4DT) N41°29.51′ W72°48.67′

65 B **FUEL** 100LL, JET A NOTAM FILE BDR
HELIPAD H1: H65X65 (CONC)
HELIPORT REMARKS: Attended 1400–2300Z‡. Pilots unfamiliar with heliport ctc 203–294–8800 prior to arrival for a briefing on current procedures. ACTIVATE rotating bcn—123.5
COMMUNICATIONS: CTAF/UNICOM 123.05

CHANDELLE ESTATES (See DOVER)

CHORMAN (See FARMINGTON)

DELAWARE AIRPARK (See DOVER/CHESWOLD)

DELDOT HELISTOP (See DOVER)

DOVER

CHANDELLE ESTATES (ØN4) 3 NE UTC−5(−4DT) N39°12.14′ W75°29.13′ **WASHINGTON**

22 B S4 **FUEL** 100LL, MOGAS NOTAM FILE MIV

RWY 04–22: H2533X28 (ASPH) LIRL

RWY 04: Thld dsplcd 539′. Trees. **RWY 22:** Thld dsplcd 538′. Trees.

AIRPORT REMARKS: Attended continuously. ACTIVATE LIRL Rwy 04–22 and rotating beacon—122.7. Heavy bird activity on and in vicinity of arpt Oct–Feb. Rwy 04 and 22 dsplcd thld marked with white line; dashed white lines leading to displacement have faded. Rwy 22 displacement marked with white lines, dashed white lines leading to dsplcd thld have faded. Rwy 04–22 has vertical; horizontal; and alligator cracking.

COMMUNICATIONS: CTAF/UNICOM 122.8

DELDOT HELISTOP (ØN5) 0 N UTC−5(−4DT) N39°08.97′ W75°30.30′ **WASHINGTON**

30 NOTAM FILE MIV

HELIPAD H1: 60X60 (ASPH) PERIMETER LIGHTS

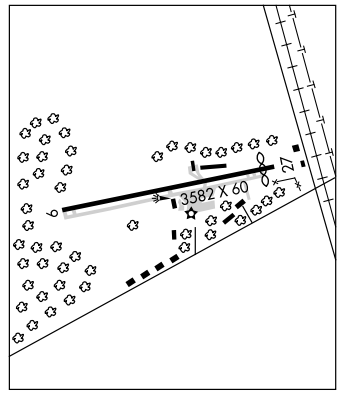
HELIPORT REMARKS: Attended Mon–Fri 1300–2130Z‡. Located ESE Dover. ACTIVATE perimeter lgts—CTAF. Unmarked/unlgtd 40′ P-lines 0.1 mile E. Ingress and egress is NW and SE; Touchdown zone area 60′X60′.

COMMUNICATIONS: CTAF 123.0

DOVER AFB (DOV)(KDOV) AF 3 E UTC−5(−4DT) N39°07.77′ W75°27.96′ **WASHINGTON**
28 B TPA–See Remarks AOE Class IV, ARFF Index A NOTAM FILE DOV Not insp. **H–10I, 12I, L–34F, A**
RWY 14–32: H12903X150 (PEM) PCN 82 R/B/W/T HIRL **DIAP, AD**
RWY 14: PAPI(P2L). Thld dsplcd 4250′. **RWY 32:** REIL. PAPI(P4L).
RWY 01–19: H9602X200 (PEM) PCN 52 R/B/W/T HIRL CL
RWY 01: ALSF2. TDZL. PAPI(P4L). **RWY 19:** ALSF1. PAPI(P4L).
MILITARY SERVICE: LGT Rwy 01 and Rwy 19 PAPI and ILS glide paths not coincident except for height group 4 acft (A300, B1, B747/767/777, C5, DC10, E4, KC10, VC25). PAPI provides proper TCH for height group 4 acft only. Rwy 04 PAPI on left side. **JASU** 3(MA–1A) (M32A–86) (adapters not avbl.) **FUEL** A
FLUID SP PRESAIR LPOX LOX **OIL** O–133–148 SOAP **TRAN ALERT** Opr 24 hours.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** Non–DOD civil acft ops 72 hrs PPR by contacting (302) 736–6614. PPR except AMC, Special Air Mission, DoD courier svc, and evacuation mission DSN 445–2861. All acft with hazardous material/rqr remote/isolated parking will ctc 436 airborne pulse search radar Explosive Handling Section DSN 445–2304 1230–2130Z‡ or ATOC Duty Officer DSN 445–2300 2130–1230Z‡ for PPR. Base OPS DSN 445–2861/4192, C302–677–2861/4192. All inbound passenger/cargo acft must ctc Comd Post no later than 30 min prior to ldg. Rwy 32 tkf distance avbl 10,070′. AMC acft opr restricted during Bird Watch condition Moderate (tkf or ldg permission only when dep/arr route avoid identified bird activity, no local IFR/VFR tfc pattern activity) and Severe (tkf and ldg prohibited without OG/CC approval), ctc Base OPS for current Bird Watch condition. No practice apch between 0300–1200Z‡ (0400–1200Z‡ during Bird Aircraft Strike Hazard Phase II). ATC will approve 1 apch to full stop ldg only. Acft taxiing out of main ramp using taxi lane between Delta row and spot Echo must use minimum power and in–board engine only (C5 acft should not exceed 40 percent N1 RPM) when turning onto Twy A. **CAUTION** Possible jet wake turbulence in tfc pattern and C5 jet blast during gnd opr. High speed, low alt heavy jet traffic within 10 NM. Five civilian arpt located within 10 NM radius. Special hazard exist for wide body acft taxiing from ramp. Follow me truck rqr for all movements on ramp by non C5 tran acft, tran C5 follow me svc avbl on request. Tree line east of Rwy 19 apch end may cause wind shear during ldg when wind is from southeast. Bird hazard Oct–Apr. Breaking action less than optimum when rwy is wet due to rubber build–up. **TFC PAT** TPA–Rectangular 1804(1776), overhead 2504(2476). Aero Club/lgt acft 1004(976). **NS ABTMT** Strict compliance with procedure rqr. **MISC** First 1000′ Rwy 01–19 concrete, middle 7600′ asphalt. Twy D edge lgts 40′ from twy edge between Rwy 32 hold line and Rwy 01–19. Rwy 32 first 2000′, 1000′ southeast of Twy C and last 1000′ concrete, remainder of rwy asphalt. Rwy 14–32 grooved full length exc at the intersection of Rwy 01–19. First 4250′ Rwy 14 and first 1650′ Rwy 32 grooved concrete, middle 7000′ asphalt. Afld management has no COMSEC avbl for tran aircrews. Tran aircrews should plan to arr with appropriate amount of COMSEC to complete entire mission. Afld management has limited COMSEC storage for tran aircrews.
WEATHER DATA SOURCES: ASOS DSN 445–2698 C302–677–2698.
COMMUNICATIONS: **D–ATIS** 135.05 273.5 DSN 445–2847. 269.125 (134.1 thru Comd Post) **PTD** 134.1
SMYRNA RCO 122.1R 111.4T (MILLVILLE RADIO)
Ⓡ **APP CON** 132.425 135.15X 142.2X 257.875 (VFR sequencing svc 25 NM out on 125.9 282.325)
TOWER 126.35 279.625 **GND CON** 118.875 225.4 **CLNC DEL** 125.55 289.4
Ⓡ **DEP CON** 134.425 257.875 323.0
COMD POST 134.1 349.4 **PMSV METRO** Full wx svc avbl Mon–Fri 0900–0100Z‡, clsd weekends and holidays. Combat wx flight DSN 445–4175/76, comm. (302) 677–4175/76. Wx briefings for tran aircrew are avbl via the 15 operational squadron (OWS) at Scott AFB, DSN 576–9755/9702, comm. (618) 256–9755/9702. Jet side svc 1 stop–shop prints IFM crew packages. Building obstruction may impact prevailing visibility 150°–260°. During evac of combat wx flight contact 15 OWS at number above. Alternate wx location visibility severely limited due to building and parked aircraft. ATC will supplement observation as needed.
RADIO AIDS TO NAVIGATION: NOTAM FILE DOV.
SMYRNA (L) VORTAC 111.4 ENO Chan 51 N39°13.90′ W75°30.96′ 168° 6.6 NM to fld. 10/9W.
(T) TACAN Chan 37 DOV (110.0) N39°07.94′ W75°28.04′ at fld. 17/9W. No NOTAM MP Wed 1100–1400Z‡ (2000/2+1).
ILS 109.95 I–DOV Rwy 01. No NOTAM MP Mon, Tue, Thu, Fri 1100–1430Z‡ (2000/2+1).
ILS 111.9 I–LIR Rwy 19. Back course unusable. No NOTAM MP Mon, Tue, Thu, Fri 0800–1100Z‡ (3000/5+1) ILS Wheel crossing height data: Group 4(18.1′).
COMM/NAV/WEATHER REMARKS: Radar No NOTAM MP Mon, Tue, Thu, Fri 0800–1100Z‡ (3000/5+1).

DOVER/CHESWOLD

DELAWARE AIRPARK (33N) 1 W UTC−5(−4DT) N39°13.10′ W75°35.80′ **WASHINGTON**
56 B **FUEL** 100LL TPA—912(856) NOTAM FILE MIV **L–34F, A**
RWY 09–27: H3582X60 (ASPH) S–13, D–18 MIRL 0.3% up W **IAP**
RWY 27: Thld dsplcd 350′. Antenna.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 09: TORA–3582 TODA–3582 ASDA–3232 LDA–3232
RWY 27: TORA–3582 TODA–3582 ASDA–3582 LDA–3232
AIRPORT REMARKS: Attended 1300–2100Z‡. 24 hr self-service credit card fuel avbl. Uncontrolled vehicular tfc crosses center fld. Deer on and invof arpt. Mowing ops conducted Apr–Oct 1100–1800Z‡. If your acft cannot opr at this arpt due to size or lack of facilities, an alternative is the Dover Civil Air Terminal located at Dover AFB. To use, 72 hr PPR call 302–735–5519. ACTIVATE MIRL Rwy 09–27—CTAF.
COMMUNICATIONS: CTAF/UNICOM 123.0
SMYRNA RCO 122.1R 111.4T (MILLVILLE RADIO)
Ⓡ **DOVER APP/DEP CON** 132.425 **CLINC DEL** 125.55
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SMYRNA (L) VORTAC 111.4 ENO Chan 51 N39°13.90′ W75°30.96′ 267° 3.8 NM to fld. 10/09W.



DUPONT N39°40.69′ W75°36.42′ NOTAM FILE ILG. **WASHINGTON**
(L) VORTAC 114.0 DQO Chan 87 at New Castle. 70/10W. **H–10I, L–34G, A**
VOR portion unusable:
025°–039° byd 5 NM blo 10,000′
025°–039° byd 25 NM
040°–120° byd 25 NM blo 4000′
125°–225° byd 30 NM blo 3000′
225°–230° byd 15 NM blo 3000′
230°–265° byd 22 NM
265°–275° byd 30 NM blo 8000′
300°–315° byd 35 NM blo 3000′
355°–005° blo 3000′
355°–005° byd 15 NM blo 4000′
355°–005° byd 25 NM

DME portion unusable:
040°–100° byd 25 NM blo 5000′
210°–235° byd 30 NM blo 3000′
235°–265° byd 22 NM
265°–275° byd 30 NM blo 5000′
310°–320° byd 35 NM blo 4000′
RCO 122.1R 114.0T (MILLVILLE RADIO)

FARMINGTON

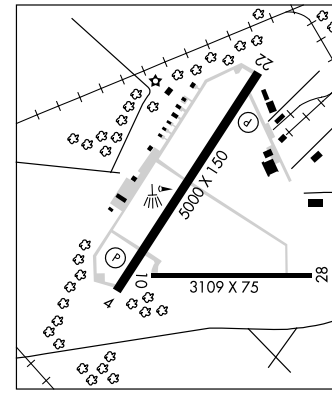
CHORMAN (D74) 2 SW UTC−5(−4DT) N38°50.97′ W75°36.77′ **WASHINGTON**
66 B S4 NOTAM FILE MIV **L–34F, 36J, A**
RWY 16–34: H3588X37 (ASPH) LIRL
RWY 16: REIL. TRCV (TRIL). Trees. **RWY 34:** REIL. TRCV (TRIL). Sign.
AIRPORT REMARKS: Attended Mon–Fri 1330Z‡–dusk. Agriculture spraying activity on and invof arpt. Rwy 16–34 large unsealed surface cracks, alligator patches. Loading pad adjacent to east side Rwy 34. For rotating bcn call 302–349–5055 or 645–9225. For LIRL Rwy 16–34 and REIL Rwy 16 and Rwy 34 call 302–349–5055 or 645–9225.
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
WATERLOO (L) VOR/DME 112.6 ATR Chan 73 N38°48.59′ W75°12.68′ 286° 19 NM to fld. 5/09W.

FELTON

HENDERSON AVIATION (ØN6) 2 NE UTC−5(−4DT) N39°00.77′ W75°32.04′ **WASHINGTON**
50 S4 NOTAM FILE MIV
RWY 15–33: 2048X40 (TURF)
RWY 15: Building. **RWY 33:** Trees.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡.
COMMUNICATIONS: CTAF/UNICOM 123.0

GEORGETOWN

SUSSEX CO (GED) 2 SE UTC−5(−4DT) N38°41.27′ W75°21.50′ — WASHINGTON
53 B S4 **FUEL** 100LL, JET A NOTAM FILE GED — H–10I, 12I, L–34F, 36J, A
RWY 04–22: H5000X150 (ASPH-GRVD) MIRL — IAP
RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 30′. Trees.
RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 30′. Trees.
RWY 10–28: H3109X75 (ASPH) MIRL
RWY 10: REIL. **RWY 28:** REIL.
AIRPORT REMARKS: Attended 1200–0200Z‡. Parachute Jumping. PAEW within safety area of all rwys and twys. ACTIVATE MIRL Rwys 04–22 and 10–28 and REIL Rwy 04, Rwy 22, Rwy 10 and Rwy 28—CTAF.
WEATHER DATA SOURCES: ASOS 118.375 (302) 856–2927.
COMMUNICATIONS: CTAF/UNICOM 123.0
WATERLOO RCO 122.1R 112.6T (MILLVILLE RADIO)
Ⓡ **DOVER APP/DEP CON** 132.425
GCO 125.55 (DOVER CLNC), OTS indef.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
WATERLOO (L) VOR/DME 112.6 ATR Chan 73 N38°48.59′ W75°12.68′ 232° 10.1 NM to fld. 5/09W.

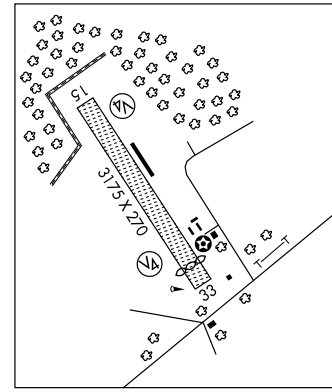


HADIN N39°34.87′ W75°36.83′ NOTAM FILE ILG. — WASHINGTON
NDB (LOM) 248 IL 013° 5.9 NM to New Castle. — L–34G

HENDERSON AVIATION (See FELTON)

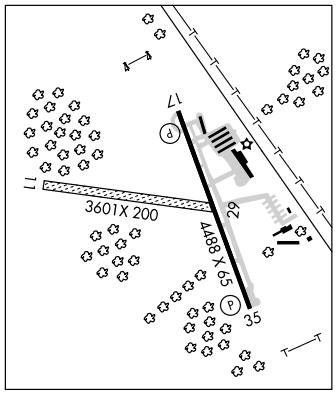
JENKINS (See WYOMING)

LAUREL (NØ6) 1 SW UTC−5(−4DT) N38°32.53′ W75°35.66′ — WASHINGTON
30 B S4 NOTAM FILE MIV — L–34F, 36J, A
RWY 15–33: 3175X270 (TURF) LIRL — IAP
RWY 15: REIL. TRCV (TRIL) Trees.
RWY 33: TRCV (TRIL) Thld dsplcd 270′. Road.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Parachute Jumping. Significant sky–diving operation seasonal to all but winter months. Rwy 33 dsplcd thld marked with 3 large orange cones each side. Rwy 15 TRCV calibration unconfirmed. Rwy 33 TRCV calibration unconfirmed. ACTIVATE LIRL Rwy 15–33 and REIL Rwy 33 and rotating bcn—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
PATUXENT APP/DEP CON 127.95 (Mon–Fri 1200–0400Z‡, Sat–Sun 1300–2300Z‡, clsd holidays)
Ⓡ **WASHINGTON CENTER APP/DEP CON** 132.05 (Mon–Fri 0400–1200Z‡, Sat–Sun 2300–1300Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE SBY.
SALISBURY (L) VORTAC 111.2 SBY Chan 49 N38°20.70′ W75°30.64′ 354° 12.5 NM to fld. 50/12W.



MIDDLETOWN

SUMMIT (EVY) 5 N UTC−5(−4DT) N39°31.26′ W75°43.42′ **WASHINGTON**
70 B S4 **FUEL** 100LL, JET A OX 2 NOTAM FILE MIV **L–34G, A**
RWY 17–35: H4488X65 (ASPH) MIRL **IAP**
RWY 17: REIL. PAPI(P4R). **RWY 35:** REIL. PAPI(P4L).
RWY 11–29: 3601X200 (TURF) LIRL
RWY 11: REIL. **RWY 29:** REIL.
AIRPORT REMARKS: Attended 1200–0000Z‡. Extensive medium/heavy helicopter training in progress all hrs on and invof arpt; high rotor downwash velocities. When CH47 helicopters opr, req advisories on UNICOM. S end of parking ramp and mid–field twy clsd. ACTIVATE LIRL and REIL Rwy 11–29—123.5.
WEATHER DATA SOURCES: AWOS–3 132.325 (302) 378–2063.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **PHILADELPHIA APP/DEP CON** 118.35 **CLNC DEL** 125.3 TF 800–354–9884
RADIO AIDS TO NAVIGATION: NOTAM FILE ILG.
DUPONT (L) VORTAC 114.0 DQO Chan 87 N39°40.69′ W75°36.42′ 220° 10.9 NM to fld. 70/10W.
HADIN NDB (LOM) 248 IL N39°34.87′ W75°36.83′ 245° 6.2 NM to fld.



NEW CASTLE (See WILMINGTON)

SMYRNA N39°13.90′ W75°30.96′ NOTAM FILE MIV. **WASHINGTON**
(L) VORTAC 111.4 ENO Chan 51 267° 3.8 NM to Delaware Airpark. 10/09W. **H–10I, L–34F, A**
TACAN azimuth and DME unusable:
140°–150° byd 36 NM blo 3000′ 200°–300° byd 36 NM blo 3000′
RCO 122.1R 111.4T (MILLVILLE RADIO)

SMYRNA (38N) 1 E UTC−5(−4DT) N39°18.22′ W75°35.03′ **WASHINGTON**
18 B **FUEL** 100LL, MOGAS TPA—818(800) NOTAM FILE MIV
RWY 10–28: 2600X125 (TURF) LIRL
RWY 10: REIL. TRCV(TRIL). Trees. **RWY 28:** REIL. TRCV(TRIL). Trees.
AIRPORT REMARKS: Attended irregularly. Arpt lgts opr dusk–0500Z‡. ACTIVATE LIRL Rwy 10–28—CTAF. Migratory water fowl on and in vicinity of arpt Oct–Feb. Rwy 10–28 rolling surface.
COMMUNICATIONS: CTAF/UNICOM 122.8

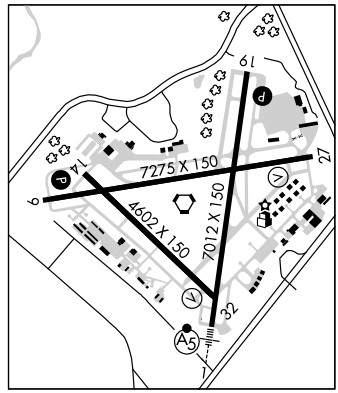
SUMMIT (See MIDDLETOWN)

SUSSEX CO (See GEORGETOWN)

WATERLOO N38°48.59′ W75°12.68′ NOTAM FILE MIV. **WASHINGTON**
(L) VOR/DME 112.6 ATR Chan 73 233° 10.0 NM to Sussex Co. 5/09W. **H–10I, L–34F, 36J, A**
DME portion unusable 179°–293° beyond 30 NM below 2000′, 294°–330° inside 10 NM.
RCO 122.1R 112.6T (MILLVILLE RADIO)

WILMINGTON

NEW CASTLE (ILG) 4 S UTC−5(−4DT) N39°40.72′ W75°36.40′ **WASHINGTON**
80 B S4 **FUEL** 100LL, JET A, OX 1, 2, 3, 4 LRA Class I, ARFF Index B **H–10I, 12I, L–34G, A**
NOTAM FILE ILG **IAP, AD**



RWY 09–27: H7275X150 (ASPH–GRVD) S–90, D–140, ST–175, DT–250 HIRL
RWY 09: PAPI(P4L)—GA 3.0° TCH 55′. Trees.
RWY 27: VASI(V4L)—GA 3.0°TCH 51′. Trees.
RWY 01–19: H7012X150 (ASPH–GRVD) S–90, D–140, ST–175, DT–250 HIRL
RWY 01: MALSR. Road.
RWY 19: REIL. PAPI(P4L)—GA 3.0°TCH 55′. Trees.
RWY 14–32: H4602X150 (ASPH) S–50, D–60 MIRL
RWY 14: Trees. **RWY 32:** VASI(V4L)—GA 3.0°TCH 27′.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 01	09–27	4050
RWY 14	01–19	4450
RWY 19	14–32	5750
RWY 32	09–27	3600

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01:	TORA–7012	TODA–7012	ASDA–7012	LDA–7012
RWY 09:	TORA–7000	TODA–7275	ASDA–7000	LDA–7000
RWY 14:	TORA–4603	TODA–4603	ASDA–4603	LDA–4603
RWY 19:	TORA–7012	TODA–7012	ASDA–7012	LDA–7012
RWY 27:	TORA–7000	TODA–7275	ASDA–7000	LDA–7000
RWY 32:	TORA–4603	TODA–4603	ASDA–4603	LDA–4603

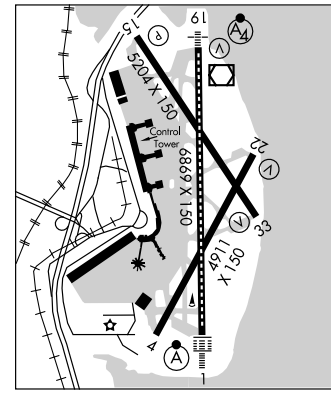
AIRPORT REMARKS: Attended continuously. Birds on and invof arpt. Rwy 09–27 no touch and go ldg for turbo jet 0400–1200Z‡. When twr clsd, pilots must announce intentions over CTAF before ldgs; tkf or ground travel on rwys and twys. When twr clsd announce emergencies on CTAF directly to ARFF station. Rwy 14–32 NSTD military assault landing zone (ALZ) lighting. Rwy 14–32 CLOSED to air carrier aircraft ops. Ctc FBO's for overngt parking; extended svcs. When terminal building clsd 0400–1100Z‡ contact arpt ops department on 126.0 or 302–229–6315 (24 hr cell). Private gnd vehicles cross Twy A between Twy A4 and Twy C. Twy G section between Twy H and Twy J limited to acft with wingspan of 79 ft or less. Twy G section between Twy H and Twy D limited to acft with wingspan of 49 ft or less. When twr clsd ACTIVATE HIRL Rwy 01–19, Rwy 09–27, MIRL Rwy 14–32, PAPI Rwy 09, Rwy 19, Rwy 27 and twy lgts—CTAF. Ldg fee for all acft over 7,500 pounds except federal government and military.
WEATHER DATA SOURCES: ASOS (302) 328–1536.
COMMUNICATIONS: CTAF 126.0 **ATIS** 123.95 **UNICOM** 122.95
DUPONT RCO 122.1R 114.0T (MILLVILLE RADIO)
Ⓡ **PHILADELPHIA APP/DEP CON** 118.35 **CLNC DEL** 119.95 TF 800–354–9884
WILMINGTON TOWER 126.0 (1130–0400Z‡) **GND CON** 121.7
AIRSPACE: CLASS D svc 1130–0400Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE ILG.
DUPONT (L) VORTAC 114.0 DQO Chan 87 N39°40.69′ W75°36.42′ at fld. 70/10W.
HADIN NDB (LOM) 248 IL N39°34.87′ W75°36.83′ 013° 5.9 NM to fld.
ILS 110.3 I–ILG Rwy 01. Class IA. LOM HADIN NDB. ILS unmonitored when twr clsd.

WYOMING

JENKINS (15N) 1 W UTC−5(−4DT) N39°07.17′ W75°35.03′ **WASHINGTON**
53 B S4 NOTAM FILE MIV
RWY 18–36: 2842X70 (TURF) LIRL
RWY 18: TRCV (TRIL). Trees. **RWY 36:** TRCV (TRIL). Thld dsplcd 225′. Road.
RWY 12–30: 2035X70 (TURF)
RWY 30: Road.
AIRPORT REMARKS: Attended continuously. Rwy 18 TRCV calibration unconfirmed. Rwy 36 TRCV calibration unconfirmed. ACTIVATE LIRL Rwy18–36 and rotating bcn—122.7.
COMMUNICATIONS: CTAF/UNICOM 122.8

WASHINGTON

RONALD REAGAN WASHINGTON NATL (DCA) 3 S UTC−5(−4DT) N38°51.13′ W77°02.26′ **WASHINGTON**
15 B S2 **FUEL** JET A LRA Class I, ARFF Index C NOTAM FILE DCA **COPTER**
RWY 01–19: H6869X150 (ASPH–GRVD) S–110, D–200, ST–175, DT–360 **H–10H, 12I, L–29E, 34F, 36I, A**
PCN 57 F/B/X/T HIRL CL **IAP, AD**
RWY 01: ALSF2. TDZL. Twr. **RWY 19:** MALSF. VASI(V12)—GA 3.0°TCH 50′. Rgt tfc.
RWY 15–33: H5204X150 (ASPH–GRVD) S–110, D–200, ST–175, DT–360 PCN 57 F/B/X/T HIRL
RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 46′. Fence. Rgt tfc.
RWY 33: REIL. VASI(V4L)—GA 3.0°TCH 53′. Trees.
RWY 04–22: H4911X150 (ASPH–GRVD) S–110, D–200, ST–175, DT–360 PCN 57 F/B/X/T MIRL
RWY 04: REIL. Pole.
RWY 22: REIL. VASI(V4L)—GA 3.0°TCH 53′. Ground. Rgt tfc.



AIRPORT REMARKS: Attended continuously. Rwy 22 CLOSED exc for taxi indef. Rwy 04 CLOSED exc for tkf and taxi indef. Be advised some aircrews mistake Rwy 15 for Rwy 19. Left–hand turn–offs from Rwy 33 to Twy K prohibited. Hold block for Rwy 04 closed for acft parking 0200–1330Z‡. Flocks of birds on and invof arpt, frequent seagull and geese and duck populations airborne over adjacent river areas. When South apchs are in progress high ints lgts will be flashing on Key, Roosevelt, Memorial, and George Mason Bridges to assist pilots in remaining over Potomac River. Lgts controlled by twr. Three obstruction lgtd poles on apch to Rwy 04 15′ high, 600′ left–600′ right, 900′ from AER. Lighting from vehicle parking lot located 1000 ft SW of Rwy 01 could give false indications of being part of Rwy 01 apch lighting system during periods of reduced visibility and low ceilings. Rwy 04 REIL OTS indef. Rwy 22 REIL OTS indef. Rwy 22 VASI OTS indef. ASDE–X surveillance system in use. Pilots should operate transponders with Mode C on all twys and rwys. Rwy 19X exists to support the DCA LDA associated with the ILS. Twy P ends at firehouse; area west of firehouse is designated non–movement area. Acft arriving/departing the general aviation parking area are prohibited from taxiing between air carrier pushback ops and the gates. Training flights that include multiple apchs and/or touch and go ops rqr prior permission from the arpt manager. Ldg fees. NOTE: See Special Notices —District of Columbia Ronald Reagan Washington National Airport. Noise Abatement and Prohibited Area (P–56) Avoidance Procedures and Continuous Power Facilities.

WEATHER DATA SOURCES: ASOS (703) 412–8140. LLWAS. TDWR.

COMMUNICATIONS: D–ATIS 132.65 (703–419–3917) **UNICOM** 122.95
Ⓡ **POTOMAC APP CON** 118.3 (EAST) 124.7 (WEST)
WASHINGTON TOWER 119.1 (134.35 Helicopters) **GND CON** 121.7 **CLNC DEL/PRE TAXI CLNC** 128.25
Ⓡ **POTOMAC DEP CON** 121.05 (WEST 10,000′ up to FL 230) 118.95 (WEST 9500′ and blo) 125.65 (EAST 9500′ and blo) 126.55 (EAST 10,000′ up to FL 190)

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
WASHINGTON (L) VORW/DME 111.0 DCA Chan 47 N38°51.57′ W77°02.19′ at fld. 9/09W.
GEORGETOWN NDB (MHW) 323 GTN N38°55.79′ W77°07.45′ 148° 6.2 NM to fld. Unmonitored.
OXONN NDB (MHW/LOM) 332 DC N38°45.96′ W77°01.60′ 005° 5.2 NM to fld. Unmonitored.
ILS/DME 109.9 I–DCA Chan 36 Rwy 01. Class IIE. LOM OXONN NDB.
DME unusable byd 14 NM blo 1600′.
LDA/DME 109.9 I–ASO Chan 36 Rwy 19. GS not authorized blo 1100′. DME unusable byd 12 NM. DME unusable byd 25° right of course. LOC unusable byd 25° right of course.
LDA/DME 108.5 I–VWH Chan 22 Rwy 19. LOC only. LOC unusable byd 25° left and right of course.

COMM/NAV/WEATHER REMARKS: Local flow traffic management–turbo jet arrivals Ronald Reagan Washington National Tower in conjunction with the Washington ARTCC, has implemented a metering plan designed to minimize low altitude holding, reduce radar vectors and speeds requiring the extension of flaps and to provide for an orderly flow of traffic to the final approach course. Dependent upon the airport acceptance rate, in-trail spacing between successive arrivals may necessitate using speed adjustments prior to reaching the Washington Terminal Area. Descent, under most conditions, will be from arrival fixes established 30 to 36 miles from the runway end. Advance notice as to where to expect descent and when to expect base leg should be given. It is imperative that pilots control their descent at a uniform rate to preclude intermediate altitude restrictions. (Procedures are based on a near idle thrust, 300 feet per mile descent in still air conditions.)

SOUTH CAPITOL STREET HELIPORT (Ø9W) ØN UTC−5(−4DT) N38°52.12′ W77°00.45′ **WASHINGTON COPTER**

10 B **FUEL** JET A NOTAM FILE DCA

HELIPAD H1: H60X60(ASPH) LDIN PERIMETER LGTS

HELIPORT REMARKS: Attended Mon–Fri 1200–0000Z‡ Sat– Sun 1600–0000Z‡. Open holidays upon reservation. Large loose grvl south and west of pavement. Helipad H1 75′ lgtd bridge 500′ E; 50′ stack 400′ W; 40′ bldg 60′ NE. Ingress and egress routes NE and SW over Anacostia River.

COMMUNICATIONS: CTAF/UNICOM 123.05

WASHINGTON DULLES INTL (IAD) 20 W UTC−5(−4DT) N38°56.85′ W77°27.60′ **WASHINGTON COPTER H–10H, 12I, L–29E, 34E, 36I, A IAP, AD**

312 B S4 **FUEL** 100, JET A OX 1, 2, 3 LRA Class I, ARFF Index E

NOTAM FILE IAD

RWY 01C–19C: H11501X150 (CONC–GRVD) S–200, D–250, DT–450, DDT–875 PCN 81 R/C/W/T HIRL CL

RWY 01C: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 70′.

RWY 19C: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72′.

RWY 01R–19L: H11500X150 (CONC–GRVD) S–200, D–250, DT–450, DDT–875 PCN 81 R/C/W/T HIRL CL

RWY 01R: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72′. Building.

RWY 19L: MALSR. PAPI(P4L)—GA 3.0° TCH 75′. Pole. 0.3% up.

RWY 01L–19R: H9400X150 (CONC–GRVD) S–200, D–250, DT–450, DDT–875 PCN 81 R/C/W/T HIRL CL

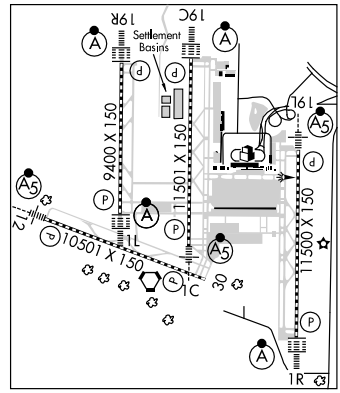
RWY 01L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70′. 0.3% down.

RWY 19R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70′.

RWY 12–30: H10501X150 (CONC–GRVD) S–200, D–250, DT–450, DDT–875 PCN 81 R/C/W/T HIRL CL

RWY 12: MALSR. TDZL. PAPI(P4R).

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 75′. 0.4% up.



AIRPORT REMARKS: Attended continuously. Deer and large flocks of birds on and invof arpt. PAEW adjacent all rwys and twys indef. Flight training between 0300–1200Z‡ prohibited. Rwy 12 and Rwy 30 touchdown, rollout runway visual range avbl. Rwy 01C, Rwy 19C, Rwy 01R and Rwy 19L touchdown, midfield, and rollout, runway visual range avbl. Rwy 01L and Rwy 19R touchdown, midfield, and rollout visual range avbl. Itinerant acft ctc fixed base operator on 122.95 for services. ASDE–X Surveillance System in use. Pilots should operate transponders with Mode C on all twys and rwys. Air carrier push backs and power from all apron positions require clearance from MWAA Ramp tower. All acft with wingspan exceeding 118′ are restricted from using Taxilane A between Taxilane A1 and A5. Twy E1 rstd to acft with a wingspan less than 79′. Twy J–3 clsd west of Twy J. Runup blocks for Rwy 30 designated as non–movement area. Numerous flagged and lighted cranes operating in midfield area. Taxilane C active; pushback clncs on N side of midfield terminal are onto Taxilane D only unless otherwise authorized. All 180° turns out of apron positions shall be made using minimum power. During periods of acft saturation long term parking may not be avbl. Svc for fuel and go only will be avbl. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Continuous Power Facilities.

WEATHER DATA SOURCES: ASOS (703) 661–2990. LLWAS. TDWR.

COMMUNICATIONS: D–ATIS 134.85 (703) 661–6347. **UNICOM** 122.95

ARMEL RCO 113.5T 122.1R (LEESBURG RADIO)

Ⓡ **POTOMAC APP CON** 126.1 (331°–090°) 124.65 (091°–240°) 120.45 (241°–330°)

TOWER 120.1 (Rwy 01R–19L) 120.25 (Rwy 01C–19C)134.425 (Rwy 01L–19R, Rwy 12–30)

MIDFIELD RAMP CON 129.55

GND CON 121.9 (East) 132.45 (West) **CLNC DEL** 135.7

Ⓡ **POTOMAC DEP CON** 126.65(121°–299°) 125.05 (300°–120°)

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.

ARMEL (L) VORTAC 113.5 AML Chan 82 N38°56.08′ W77°28.00′ at fld. 297/08W

TILLE NDB (LOM) 346 IA N38°50.84′ W77°26.27′ 360° 6.1 NM to fld.

ILS 111.3 I–DLX Rwy 19C. Class IIIE.

ILS 111.3 I–OSZ Rwy 01C. Class IE.

ILS/DME 110.1 I–SGC Chan 38 Rwy 19L. Class IE.

ILS/DME 110.1 I–IAD Chan 38 Rwy 01R. Class IIIE. LOM TILLE NDB.

ILS/DME 110.75 I–ISU Chan 44Y Rwy 19R. Class IIIE.

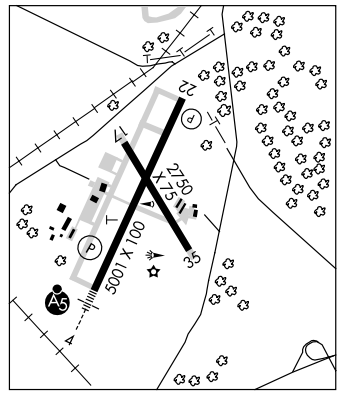
ILS/DME 110.75 I–OIU Chan 44Y Rwy 01L. Class IIIE.

ILS 109.3 I–AJU Rwy 12. Class IE. Glideslope unmonitored.

ASHLAND

BRADFORD CAMPS SPB (ME3) 30 SW UTC−5(−4DT) N46°23.75′ W69°00.30′ **MONTREAL**
815
WATERWAY 16W–34W: 15000X1500 (WATER)
SEAPLANE REMARKS: Attended May–Nov dalgt hrs, Dec–Apr unattended. SPB CLOSED winter Nov–Apr. For services call 207–433–0660. Acft monitor frequency 122.85.
COMMUNICATIONS: CTAF 122.9

AUBURN–LEWISTON MUNI (LEW) 4 SW UTC−5(−4DT) N44°02.91′ W70°17.01′ **MONTREAL**
288 B S4 **FUEL** 100LL, JET A NOTAM FILE LEW **H–11D, L–32H**
RWY 04–22: H5001X100 (ASPH) S–30, D–108, ST–137, DT–180 HIRL **IAP**
RWY 04: MALSR. PAPI(P4L)—GA 3.25° TCH 60′. Ground.
RWY 22: REIL. PAPI(P4L)—GA 3.5° TCH 35′. P–line.
RWY 17–35: H2750X75 (ASPH) S–30 MIRL 1.2% up S
RWY 17: Pole. **RWY 35:** Tree.
AIRPORT REMARKS: Attended 1100–2300Z‡. For fuel or services after hrs call (207) 344–6208. Rwy 04 designated calm wind rwy. Deer and birds on and invof arpt. Intensive helicopter ops daily from 1000–0100Z‡. Helicopter TPA 500′ AGL, rgt tfc. Occasional blasting in progress Mon–Sat approximately 4,800–5,000′ SW of Rwy 04 thld 1600–2000Z‡ during VFR conditions only. ACTIVATE MALSR Rwy 04, MIRL Rwy 17–35, HIRL Rwy 04–22 and REIL Rwy 22—CTAF. Ldg fee.
WEATHER DATA SOURCES: AWOS–3 118.025 (207) 783–2806.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PORTLAND APP CON** 125.5 124.05 (1100–0500Z‡)
Ⓡ **PORTLAND DEP CON** 125.5 (1100–0500Z‡)
Ⓡ **BOSTON CENTER APP/DEP CON** 124.25 (0500–1100Z‡)
PORTLAND CLNC DEL 124.05 **PRETAXI CLNC** 124.05
RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.
AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20′ W69°47.79′ 250° 26.6 NM to fld. 349/18W.
LEWIE NDB (LOM) 240 LE N43°57.74′ W70°20.28′ 041° 5.7 NM to fld.
ILS 108.9 I–LEW Rwy 04. Class IA. LOM LEWIE NDB. ILS unmonitored.

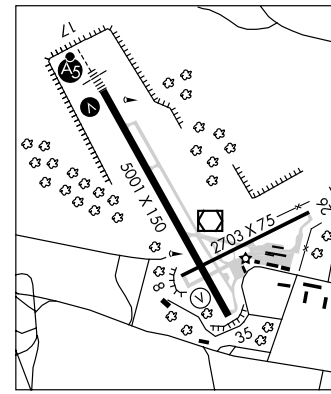


AUGUSTA

AUGUSTA SPB (MØØ) 3 S UTC−5(−4DT) N44°16.05′ W69°46.90′ **MONTREAL**
23 NOTAM FILE BGR
WATERWAY 13–31: 2500X100 (WATER)
WATERWAY 13: Trees. Rgt tfc.
SEAPLANE REMARKS: Unattended. Daytime use only. Unmarked shoals east of sealane. Location has tidal fluctuation of 4 ft. Sealane poorly marked, irregular shaped channel. Docks moved during winter months (Oct–May).
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del through FLIGHT SERVICES 1–800–WX–BRIEF.

AUGUSTA STATE (AUG) 1 NW UTC−5(−4DT) N44°19.24′ W69°47.84′ **MONTREAL**
352 B S4 **FUEL** 100LL, JET A TPA—1400(1048) Class I, ARFF Index A **H–11D, L–32H**
NOTAM FILE AUG **IAP**

RWY 17–35: H5001X150 (ASPH–PFC) S–50, D–60 HIRL 0.7% up S
RWY 17: MALSR. VASI(V4R)—GA 3.0°TCH 60′.
RWY 35: REIL. VASI(V4L)—GA 3.0°TCH 46′. Road.
RWY 08–26: H2703X75 (ASPH) S–30 MIRL
RWY 08: Tree. **RWY 26:** Road.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 08:	TORA–2703	TODA–2703	ASDA–2703	LDA–2703
RWY 17:	TORA–5001	TODA–5001	ASDA–5001	LDA–5001
RWY 26:	TORA–2703	TODA–2703	ASDA–2703	LDA–2703
RWY 35:	TORA–5001	TODA–5001	ASDA–5001	LDA–5001

AIRPORT REMARKS: Attended 1200–0100Z‡. Arpt unattended after dark during snow and ice season. Fld conditions reports snow depths; braking action may not be avbl for rwys from 2300–1100Z‡. For fuel after normal business hours call 207–622–2507. Stack 310′ MSL 1.3 NE lgts OTS indef. PAEW 1000′ ENE AER 26. Birds and deer on and invof arpt. Seagulls on and invof rwy intersections. Rwy 35 designated calm wind rwy. Twy F east clsd to all acft with wing span greater than 45 ft. Air carrier ramp clsd to general aviation tfc. ACTIVATE HIRL Rwy 17–35; MIRL Rwy 08–26; REIL Rwy 35; VASI Rwy 17 and MALSR Rwy 17—CTAF. Ldg fee for multi–engine acft.

WEATHER DATA SOURCES: ASOS 118.325 (207) 623–0432.

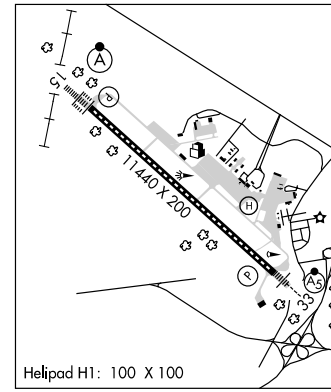
COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.6 122.2 122.1R 111.4T (BANGOR RADIO)
Ⓡ **PORTLAND APP/DEP CON** 128.35 (1100–0500Z‡) **CLNC DEL** 119.95
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°–292°) 124.25 (293°–111°) (0500–1100Z‡) **CLNC DEL** 119.95

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.
(L) VOR/DME 111.4 AUG Chan 51 N44°19.20′ W69°47.79′ at fld. 349/18W.
DUNNS NDB (LOM) 366 AU N44°24.66′ W69°51.64′ 171° 6.1 NM to fld.
ILS 108.7 I–AUG Rwy 17. Class IB. LOM DUNNS NDB. Glideslope unusable byd 9 NM. Glide slope unusable beyond 5° rgt side of LOC course. Glide slope unusable blo 430′. Localizer unusable from 0.5 NM to thld abv 1500′.

BANGOR

BANGOR INTL (BGR) 3 W UTC−5(−4DT) N44°48.45′ W68°49.69′ **HALIFAX**
192 B S4 **FUEL** 100LL, JET A OX 2, 4 TPA—See Remarks LRA Class I, ARFF Index E **H–11D, L–32I**
NOTAM FILE BGR **IAP, DIAP, AD**

RWY 15–33: H11440X200 (ASPH) S–100, D–210, ST–175, DT–400 HIRL CL
RWY 15: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 55′. 0.4% down.
RWY 33: MALSR. PAPI(P4L)—GA 3.0° TCH 57′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 15: TORA–11440 TODA–11440 ASDA–11440 LDA–11440
AIRPORT REMARKS: Attended continuously. Acft over 12,500 pounds and all revenue producing operations. Twy J clsd during winter months. Twy J limited to acft 75,000 lbs gross tkf weight. TPA for turbo jet acft is 2000(1808) unless otherwise instructed. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS 127.75 (207) 947–5293. **HIWAS** 114.8 BGR.
COMMUNICATIONS: ATIS 127.75 **UNICOM** 122.95
RCO 122.2 (BANGOR RADIO)
Ⓡ **APP/DEP CON** 118.925 (155°–334°) 124.5 (335°–154°)
TOWER 120.7 **GND CON** 121.9 **CLNC DEL** 135.9
AIRSPACE: CLASS C svc continuous ctc **APP CON**
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
(H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 155° 2.8 NM to fld. 360/19W. **HIWAS.**
TOTTE NDB 227 BG N44°43.65′ W68°42.77′ 333° 6.9 NM to fld.
ILS/DME 109.5 I–BGR Chan 32 Rwy 33. DME also serves Rwy 15.
ILS/DME 109.5 I–JVH Chan 32 Rwy 15. Class IIIE.
ASR



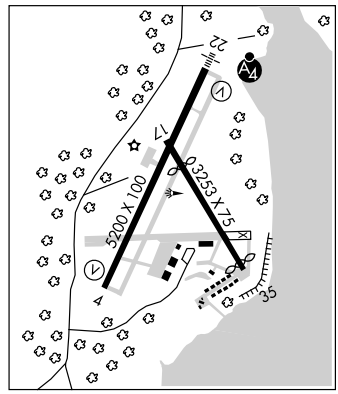
HELIPAD H1: H100X100 (CONC)

LUCKY LANDING MARINA AND SEAPLANE BASE (Ø6B) 7 N UTC−5(−4DT) **HALIFAX**
N44°54.42′ W68°48.30′
115 S2 **FUEL** 100LL, MOGAS NOTAM FILE BGR
WATERWAY 02–20: 15000X4000 (WATER)
WATERWAY 02: Rgt tfc.
SEAPLANE REMARKS: Attended Apr–Oct dalgt hours, unattended Nov–Mar. To verify conditions and for fuel after hrs call 207–945–5087. Water landing area not marked. Rwy 02W wires on shore—marked.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

BANKS (See SWANS ISLAND)

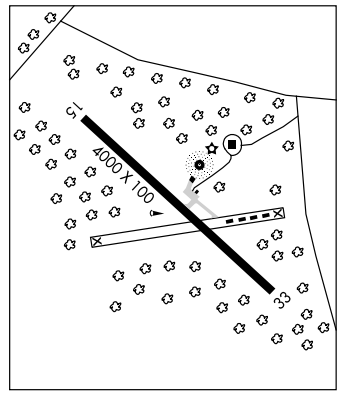
BAR HARBOR

HANCOCK CO–BAR HARBOR (BHB) 8 NW UTC−5(−4DT) N44°26.99′ W68°21.69′ **HALIFAX**
83 B S4 **FUEL** 100LL, JET A Class I, ARFF Index A NOTAM FILE BHB **H–11D, L–32I**
RWY 04–22: H5200X100 (ASPH) D–72, ST–91, DT–100 HIRL **IAP**
RWY 04: REIL. VASI(V4L)—GA 3.0°TCH 55′. Pole.
RWY 22: MALSF. VASI(V4L)—GA 3.0°TCH 55′.
RWY 17–35: H3253X75 (ASPH) S–13, D–20 1.0% up NW
RWY 17: Thld dsplcd 684′. Trees.
RWY 35: Thld dsplcd 111:
RUNWAY DECLARED DISTANCE INFORMATION:
RWY 04: TORA–5200 TODA–5200 ASDA–5200 LDA–5200
RWY 22: TORA–5200 TODA–5200 ASDA–5200 LDA–5200
AIRPORT REMARKS: Attended 1200Z‡–dusk. Grass areas unavbl for acft ops except PPR 207–667–7329. Gulls and deer on and invof arpt. Glider ops on and invof arpt. Rwy 04–22 due to hump at midpoint, opposite ends of rwy not visible at ground level. Full depth transverse cracking full length of rwy. During VFR conditions when wind speed is less than 5 kts as reported by AWOS or UNICOM all acft using Rwy 04–22 shall tkf and land on Rwy 22. ACTIVATE HIRL Rwy 04–22; REIL Rwy 04 and MALSF Rwy 22—122.7.
WEATHER DATA SOURCES: AWOS–3 118.025 (207) 667–7364.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **BANGOR APP/DEP CON** 124.5 **CLNC DEL** 119.9
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 156° 32.2 NM to fld. 360/19W. **HIWAS.**
SURRY NDB (MHW/LOM) 330 BH N44°32.32′ W68°18.40′ 223° 5.8 NM to fld.
ILS/DME 108.3 I–BHB Chan 20 Rwy 22. Class IB. LOM SURRY NDB. Unmonitored.

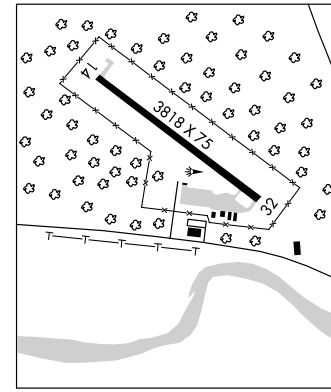


BELFAST N44°29.05′ W68°55.63′ **MONTREAL**
RCO 121.975 (BANGOR RADIO) **L–32I**

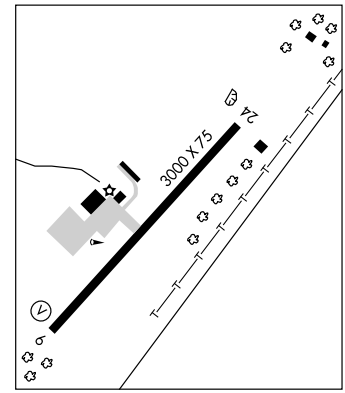
BELFAST MUNI (BST) 1 SW UTC−5(−4DT) N44°24.57′ W69°00.72′ **MONTREAL**
198 B **FUEL** 100LL NOTAM FILE BGR **L–32I**
RWY 15–33: H4000X100 (ASPH) S–30 MIRL 1.0% up NW **IAP**
RWY 15: REIL. Brush. **RWY 33:** REIL. Trees.
AIRPORT REMARKS: Attended irregularly. For fuel and service call 207–338–4736 24 hr PPR. Rwy 15–33 turkeys and deer on and invof rwy. Obstruction lgts along both sides of primary surface and treeline. ACTIVATE MIRL Rwy 15–33 and REIL Rwy 15 and Rwy 33—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BANGOR APP/DEP CON** 118.925 **CLNC DEL** 121.975 (Bangor RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 212° 26.6 NM to fld. 360/19W. **HIWAS.**
NDB (MHW) 278 BST N44°24.66′ W69°00.64′ at fld.



BETHEL RGNL (ØB1) 2 NW UTC−5(−4DT) N44°25.52′ W70°48.60′ **MONTREAL**
654 **FUEL** 100LL NOTAM FILE BGR **L–32H**
RWY 14–32: H3818X75 (ASPH) LIRL (NSTD)
AIRPORT REMARKS: Unattended. Self–serv avbl 24 hrs with charge card. Unlgtd mountainous terrain. For rwy conditions or other information, ctc arpt information line 207–824–3100. Powered parachute activity occasionally in terminal area surrounding arpt. ACTIVATE NSTD LIRL Rwy 14–32—CTAF 5 clicks, stays on for 15 min and flashes prior to shut–down. 5 more clicks anytime while on re-sets 15 min cycle. ACTIVATE NSTD AWOS—CTAF. Lgtd windsock and apron lgs on continuously at night. No fees for parking, tie down, overnight electrical A/C hook up.
WEATHER DATA SOURCES: AWOS–3 (207) 824–0475. ACTIVATE NSTD AWOS–122.9 with 3 mic clicks or call (207) 824–0475.
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE BML.
BERLIN (T) VORW/DME 110.4 BML Chan 41 N44°38.01′ W71°11.17′ 145° 20.4 NM to fld. 1730/17 W. **HIWAS.**
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.



BIDDEFORD MUNI (B19) 2 S UTC−5(−4DT) N43°27.85′ W70°28.34′ **NEW YORK**
157 B S4 **FUEL** 100LL TPA—995(838) NOTAM FILE BGR **L–32H**
RWY 06–24: H3000X75 (ASPH) S–25 MIRL 0.3% up NE **IAP**
RWY 06: REIL. VASI(V4L)—GA 3.5°TCH 31′. Brush.
RWY 24: Brush.
AIRPORT REMARKS: Attended Mon–Fri 1400–2200Z‡, Sat–Sun 1300–2200Z‡. Deer and turkeys on and invof arpt. Noise Abatement in effect 24hrs, for specifics ctc FBO 877–247–1878. Rwy 24 calm wind rwy. ACTIVATE MIRL Rwy 06–24 and REIL Rwy 06—CTAF; VASI Rwy 06 ops 24 hrs.
COMMUNICATIONS: CTAF/UNICOM 123.0
WATERBORO RCO 122.25 (BANGOR RADIO)
Ⓡ **PORTLAND APP/DEP CON** 119.75 (1100–0500Z‡) **CLNC DEL** 126.05
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
KENNEBUNK (H) VORTAC 117.1 ENE Chan 118 N43°25.54′ W70°36.81′ 086° 6.6 NM to fld. 190/17W.



BLUE HILL (Ø7B) 3 NE UTC−5(−4DT) N44°26.88′ W68°34.18′ **HALIFAX**
360 NOTAM FILE BGR
RWY 16–34: 3186X100 (TURF)
RWY 16: Trees. **RWY 34:** Trees.
AIRPORT REMARKS: Unattended. Rwy 16–34 bordered on both sides by 40′ to 70′ trees. Rwy not plowed during winter months and CLOSED when snow on surface except to ski acft.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

BOWDOINHAM

MERRYMEETING FLD (Ø8B) 1 SE UTC−5(−4DT) N44°00.00′ W69°53.23′ **MONTREAL**
65 B NOTAM FILE BGR
RWY 14–32: 1935X100 (TURF) LIRL
RWY 14: Thld dsplcd 417′. Trees. **RWY 32:** Thld dsplcd 143′. Trees.
AIRPORT REMARKS: Attended irregularly. No line of sight between rwy ends. Frost heave mid-field. Turf areas may be soft. Rwy 14–32 LIRL OTS indef. Rotating bcn OTS indef. Rwy 14 dsplcd thld lights OTS indef. Rwy 32 dsplcd thld lights OTS indef.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

BOWMAN FLD (See LIVERMORE FALLS)

BRACY N44°27.61′ W69°44.09′ NOTAM FILE WVL. MONTREAL
NDB (MHW/LOM) 399 RL 049° 4.9 NM to Waterville Robert Lafleur. L–32H
NDB/LOM unusable byd 15 NM.

BRADFORD CAMPS SPB (See ASHLAND)

BRANDY POND SPB (See NAPLES)

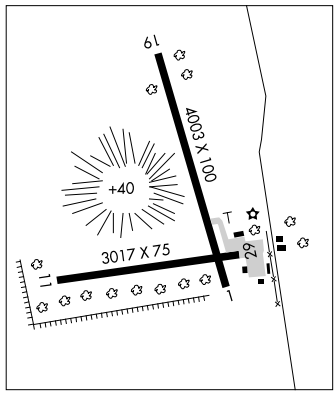
BREWER (ØB2) 2 S UTC−5(−4DT) N44°45.83′ W68°46.07′ HALIFAX
124 NOTAM FILE BGR
RWY 01–19: 1730X30 (TURF)
RWY 01: Brush. Rgt tfc. **RWY 19:** Trees.
AIRPORT REMARKS: Unattended. Rwy 01–19 +25′ trees and brush 30′ from centerline along east side. Wildlife on or invof arpt. Public golfcourse at EOR 01. Turf area not maintained. Occasional soft mud either side of rwy.
COMMUNICATIONS: CTAF 122.9 **CLNC DEL** 125.3 (Bangor App Con)

BUCKHORN CAMPS SPB (See NORCROSS/MILLINOCKET)

BUCKS HARBOR N44°37.68′ W67°23.70′ HALIFAX
RCO 122.5 (BANGOR RADIO) L–32I

BURNHAM N44°41.84′ W69°21.47′ NOTAM FILE BGR. MONTREAL
NDB (MHW) 348 BUP 009° 4.3 NM to Pittsfield Muni. Unusable byd 20 NM. L–32H

CARIBOU MUNI (CAR) 1 NW UTC−5(−4DT) N46°52.29′ W68°01.08′ HALIFAX
626 B S4 **FUEL** 100LL TPA–See Remarks AOE NOTAM FILE CAR L–32I
RWY 01–19: H4003X100 (ASPH) S–30 MIRL IAP
RWY 01: Ground. **RWY 19:** Ground.
RWY 11–29: H3017X75 (ASPH) S–30 MIRL
RWY 11: Trees. **RWY 29:** Building.
AIRPORT REMARKS: Attended Mon–Fri 1200–2030Z‡. 24 hr fuel avbl with credit card. TPA for light acft 1426(800), TPA for multi and large single engine acft 1626(1000). ACTIVATE MIRL Rwys 01–19 and 11–29—CTAF. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS 135.125 (207) 496–3153.
COMMUNICATIONS: CTAF/UNICOM 122.8
CARIBOU RCO 122.3 (BANGOR RADIO)
Ⓡ **BOSTON CENTER APP/DEP CON** 124.75
RADIO AIDS TO NAVIGATION: NOTAM FILE PQI.
PRESQUE ISLE (H) VORW/DME 116.4 PQI Chan 111 N46°46.45′ W68°05.67′ 049° 6.6 NM to fld. 590/21W. **HIWAS.**
COMM/NAV/WEATHER REMARKS: Clnc Del provided by Boston Center on 124.75.



CARRABASSETT

SUGARLOAF RGNL (B21) 1 N UTC−5(−4DT) N45°05.12′ W70°12.98′ **MONTREAL**

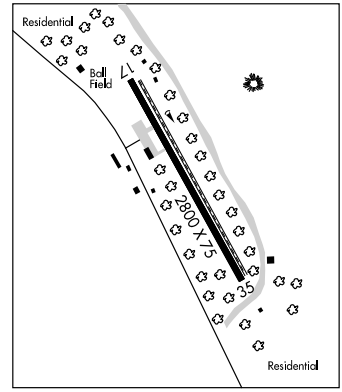
885 TPA—2885 (2000) NOTAM FILE BGR

RWY 17–35: H2800X75 (ASPH) S–12

RWY 17: Road. **RWY 35:** Trees.

AIRPORT REMARKS: Unattended. High terrain 4237 ft MSL N/E/W of arpt. Rwy 17–35 has 15–55′ trees parallel to rwy, 75–90′ left and right of centerline.

COMMUNICATIONS: CTAF/UNICOM 122.8



CENTRAL MAINE ARPT OF NORRIDGEWOCK (See NORRIDGEWOCK)

CHARLES A. CHASE JR. MEM FLD (See DOVER–FOXCROFT)

CHESUNCOOK

CHESUNCOOK LAKE HOUSE SPB (1ME) 0 N UTC−5(−4DT) N46°03.65′ W69°24.33′ **MONTREAL**

942

WATERWAY ALL WAY: 15000X1100 (WATER)

SEAPLANE REMARKS: Attended irregularly. Unattended in Apr. Fuel avbl only in emergency. For svcs call 207–745–5330 in advance. Longest length avbl northwest/southwest.

COMMUNICATIONS: CTAF 122.9

NUGENT CHAMBERLAIN LAKE SPB (39B) 11 NE UTC−5(−4DT) N46°13.00′ W69°14.97′ **MONTREAL**

945 NOTAM FILE BGR

WATERWAY 13–31: 15000X1100 (WATER)

SEAPLANE REMARKS: Attended continuously. For svcs call 207–944–5991 in advance.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

CURRIER'S SPB (See GREENVILLE JUNCTION)

CUTLER RGNL (ME2) 2 W UTC−5(−4DT) N44°40.80′ W67°15.86′ **HALIFAX**

55 NOTAM FILE BGR

RWY 09–27: 2950X40 (GRVL)

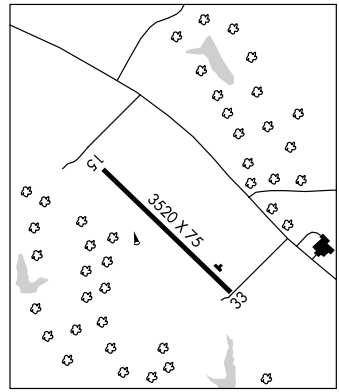
RWY 09: P–line. **RWY 27:** Tree. Rgt tfc.

AIRPORT REMARKS: Unattended. Arpt CLOSED Nov through Apr. Wildlife on and invof arpt. Land on Rwy 27 when wind is lgt and variable. Rwy 09–27 gravel stabilzed with grass.

COMMUNICATIONS: CTAF 122.9

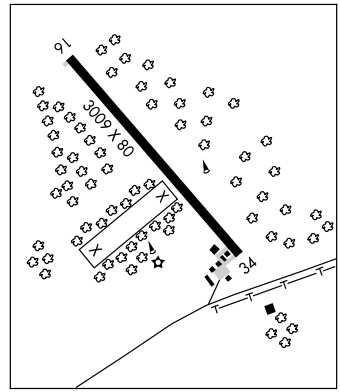
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

DEBLOIS FLIGHT STRIP (43B) 2 SE UTC−5(−4DT) N44°43.59′ W67°59.44′ **HALIFAX**
217 NOTAM FILE BGR **L–32I**
RWY 15–33: H3520X75 (ASPH) S–84, D–200, DT–400
RWY 33: Trees.
AIRPORT REMARKS: Unattended. CLOSED during winter months except to ski acft. Daylight use only.
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 119° 38.4 NM to fld. 360/19W. **HIWAS.**
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.



DEWITT FLD, OLD TOWN MUNI (See OLD TOWN)

DEXTER RGNL (1BØ) 3 E UTC−5(−4DT) N45°00.25′ W69°14.22′ **MONTREAL**
533 B NOTAM FILE BGR **L–32H**
RWY 16–34: H3009X80 (ASPH) S–30 LIRL **IAP**
RWY 16: Tree.
RWY 34: Tree.
AIRPORT REMARKS: Unattended. Rwy 34 30′ dropoff 30′ from end of rwy. Rwy 16 30′ dropoff 145′ from end of rwy. There is no line of sight between rwy ends. ACTIVATE LIRL Rwy 16–34–122.8.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BANGOR APP/DEP CON** 118.925
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 321° 18.3 NM to fld. 360/19W. **HIWAS.**
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.



DIXFIELD

SWANS FLD (3S2) 3 SE UTC−5(−4DT) N44°30.85′ W70°24.41′ **MONTREAL**
400 NOTAM FILE BGR
RWY 12–30: 1808X40 (TURF)
RWY 12: Trees. **RWY 30:** Berm.
AIRPORT REMARKS: Unattended. Rwy not plowed winter months. Ctc arpt manager for rwy conditions in winter.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

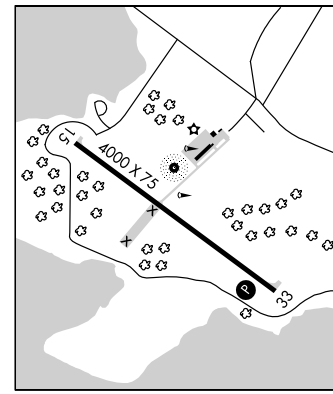
DOVER/FOXCROFT

CHARLES A. CHASE JR. MEM FLD (44B) 1 SW UTC−5(−4DT) N45°10.65′ W69°14.68′ **MONTREAL**
520 NOTAM FILE BGR
RWY 09–27: 2926X75 (TURF)
RWY 09: Trees. **RWY 27:** Road.
AIRPORT REMARKS: Unattended. Deer on and invof arpt. Rwy 09–27 thlds unmarked.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

DUNNS N44°24.66′ W69°51.64′ NOTAM FILE AUG. MONTREAL
NDB (LOM) 366 AU 171° 6.1 NM to Augusta State. L–32H

EASTERN SLOPES RGNL (See FRYEBURG)

EASTPORT MUNI (EPM) 1 W UTC−5(−4DT) N44°54.61′ W67°00.76′ HALIFAX
45 B LRA NOTAM FILE EPM L–32I
RWY 15–33: H4000X75 (ASPH) S–30 MIRL 0.3% up SW IAP
RWY 15: REIL. Tree. **RWY 33:** REIL. PAPI(P2L). Pole.
AIRPORT REMARKS: Unattended. Deer and birds on and in vicinity of rwy. REIL Rwy 15 and Rwy 33 OTS indef. PAPI Rwy 33 OTS indef. ACTIVATE MIRL Rwy 15–33; PAPI Rwy 33; REIL Rwys 15 and 33—CTAF. Customs on request call 207–853–4313.
WEATHER DATA SOURCES: AWOS–A 260 EPM.
COMMUNICATIONS: CTAF/UNICOM 122.8
BOSTON CENTER APP/DEP CON 124.25
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
PRINCETON (L) VOR/DME 114.3 PNN Chan 90 N45°19.75′ W67°42.25′ 151° 38.7 NM to fld. 400/21W.
NDB (MHW) 260 EPM N44°54.75′ W67°00.73′ at fld. **AWOS–A**. NOTAM FILE EPM. Unusable byd 10 NM.
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

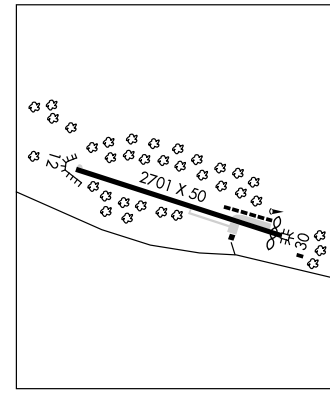


EAST WINTHROP

LAKESIDE MARINA SPB (Ø3M) 4 E UTC−5(−4DT) N44°19.25′ W69°53.37′ MONTREAL
165 **FUEL** MOGAS NOTAM FILE BGR Not insp.
WATERWAY 02–20: 3800X200 (WATER)
WATERWAY 20: Trees.
SEAPLANE REMARKS: Attended 1300–0300Z‡. Daytime use only. For fuel check at motel. Rwy 02 end east of lgthouse; Rwy 20 end east of south tip Hershey Island.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

ELIOT

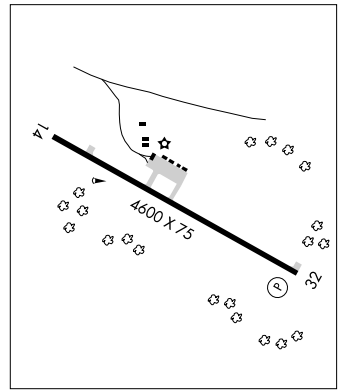
LITTLEBROOK AIR PARK (3B4) 2 SE UTC−5(−4DT) N43°08.59′ W70°46.34′ NEW YORK
130 TPA—1130(1000) NOTAM FILE BGR L–32H, 33D
RWY 12–30: H2701X50 (ASPH) S–8 LIRL (NSTD) 0.7% up NW IAP
RWY 12: Trees. **RWY 30:** Thld dsplcd 86′. Trees.
AIRPORT REMARKS: Unattended. Broken pavement and debris on all ramp and twyway areas. All twys clsd. Aerobatic activity conducted over and in vicinity of arpt 500 ft thru 5000 ft MSL SR–SS. Contact Manchester App Con for advisory. Birds and deer on and invof arpt. Rwy 12 markings extremely faded, non–standard size, displacement arrows missing. Rwy 30 markings extremely faded, non–standard size, displacement arrows missing. NSTD LIRL due to spacing, rwy lgts are 25′ from rwy edge. Lgts avbl PPR 603–969–5646. No thld lgts avbl.
COMMUNICATIONS: CTAF 122.9
BOSTON APP/DEP CON 125.05 (1100–0500Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE PSM.
PEASE (L) VORTACW 116.5 PSM Chan 112 N43°05.07′ W70°49.92′ 053° 4.4 NM to fld. 99/16W.
ROLLINS NDB (MHW) 260 ESG N43°13.22′ W70°49.70′ 168° 5.2 NM to fld. NOTAM FILE BGR.
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.



EXCAL N46°36.62′ W68°01.16′ NOTAM FILE PQI. HALIFAX
NDB (LOM) 278 PQ 007° 4.8 NM to Northern Maine Rgnl at Presque Isle. Unmonitored. L–32I

FRENCHVILLE

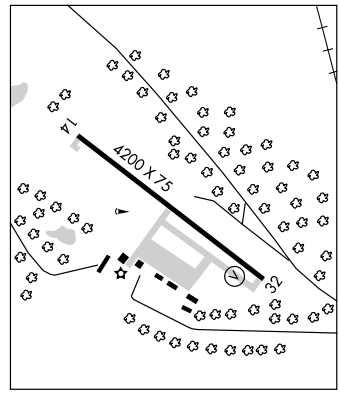
NORTHERN AROOSTOOK RGNL (FVE) 3 E UTC−5(−4DT) N47°17.13′ W68°18.77′ — HALIFAX
988 B **FUEL** 100LL, JET A LRA TPA–1988(1000) NOTAM FILE FVE — L–32I
RWY 14–32: H4600X75 (ASPH) S–25 MIRL — IAP
RWY 14: REIL. Trees.
RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 40′.
AIRPORT REMARKS: Attended Mon–Fri 1330–2200Z‡, Sat and Sun 1500–2100Z‡. For fuel after hours call arpt manager 207–436–1379. ACTIVATE MIRL Rwy 14–32 and REIL Rwy 14 and 32—CTAF. Landing fee.
WEATHER DATA SOURCES: ASOS 135.725 (207) 543–7456.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 124.75
RADIO AIDS TO NAVIGATION: NOTAM FILE PQI.
PRESQUE ISLE (H) VORW/DME 116.4 PQI Chan 111 N46°46.45′ W68°05.67′ 005° 32.0 NM to fld. 590/21W. **HIWAS.**
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.



FRYEBURG N43°55.42′ W70°56.75′ — NEW YORK
RCO 122.55 (BANGOR RADIO) — L–32H

FRYEBURG

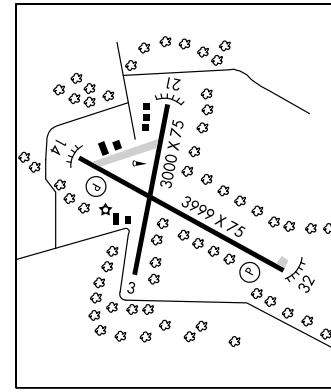
EASTERN SLOPES RGNL (IZG) 3 SE UTC−5(−4DT) N43°59.47′ W70°56.87′ — NEW YORK
454 B S4 **FUEL** 100LL NOTAM FILE IZG — L–32H
RWY 14–32: H4200X75 (ASPH) S–30 MIRL 0.8% up NW — IAP
RWY 14: Trees. **RWY 32:** REIL. VASI(V2L). Trees.
AIRPORT REMARKS: Attended 1200–2300Z‡. 24 hr credit card fuel. Birds and deer on and invof arpt. ACTIVATE MIRL Rwy 14–32—CTAF.
WEATHER DATA SOURCES: ASOS 135.775 (207) 935–2882.
COMMUNICATIONS: CTAF/UNICOM 122.8
FRYEBURG RCO 122.55 (BANGOR RADIO)
Ⓡ **PORTLAND APP/DEP CON** 125.5 (1100–0500Z‡)
BOSTON CENTER APP/DEP CON 128.2 (0500–1100Z‡)
CLNC DEL 122.55 (Bangor RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
KENNEBUNK (H) VORTAC 117.1 ENE Chan 118 N43°25.54′ W70°36.81′ 354° 36.9 NM to fld. 190/17W.
SEBAGO NDB (MHW) 227 SZO N43°54.26′ W70°46.94′ 323° 8.9 NM to fld. NOTAM FILE IZG.
NDB unusable byd 18 NM.



GILLESPIE FLD (See MEDDYBEMPS)

GREENVILLE

GREENVILLE MUNI (3B1) 2 E UTC−5(−4DT) N45°27.78′ W69°33.10′ MONTREAL
1401 B S4 **FUEL** 100LL, JET A NOTAM FILE BGR L–32H
RWY 14–32: H3999X75 (ASPH) S–12.5 MIRL 0.3% up NW IAP
RWY 14: REIL. PAPI(P4R)—GA 3.0° TCH 40′.
RWY 32: PAPI(P4L)—GA 3.1°TCH 40′. Trees.
RWY 03–21: H3000X75 (ASPH) S–12.5 0.7% up NE
RWY 21: Road.
AIRPORT REMARKS: Attended 1300–2200Z‡. 24 hr fuel credit card. Deer on and invof arpt. Rwy 14 PAPI unusable byd 8° right of centerline. ACTIVATE MIRL Rwy 14–32—CTAF.
WEATHER DATA SOURCES: Altimeter relayed through unicom on req.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.3 (BANGOR RADIO)
BOSTON CENTER APP/DEP CON 120.25 **CLNC DEL** 122.3 (Bangor RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.
MILLINOCKET (H) VOR/DME 117.9 MLT Chan 126 N45°35.20′ W68°30.93′ 281° 44.3 NM to fld. 550/20W.
SQUAW NDB (MHW) 236 XQA N45°31.30′ W69°40.47′ 142° 6.3 NM to fld. **AWOS–A**. NOTAM FILE BGR.
NDB unmonitored Sat–Sun; Mon–Fri 2100–1300Z‡. NDB unusable byd 12 NM.



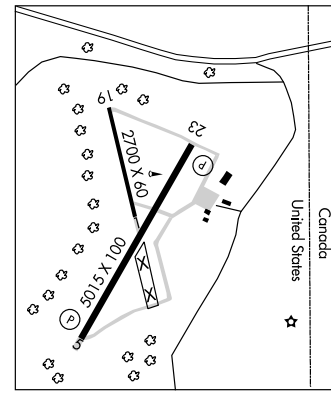
GREENVILLE SEAPLANE BASE (52B) 0 N UTC−5(−4DT) N45°28.48′ W69°36.23′ MONTREAL
1028 **FUEL** 100LL NOTAM FILE BGR L–32H
WATERWAY 14–32: 6000X1200 (WATER) IAP
WATERWAY 18–36: 5000X1000 (WATER)
SEAPLANE REMARKS: Unattended. Call in advance for fuel availability 207–695–2821.
COMMUNICATIONS: CTAF 122.9
BOSTON CENTER APP/DEP CON 120.25
RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.
MILLINOCKET (H) VOR/DME 117.9 MLT Chan 126 N45°35.20′ W68°30.93′ 282°46.4 NM to fld. 550/20W.
SQUAW NDB (MHW) 236 XQA N45°31.30′ W69°40.47′ 151° 4.1 NM to SPB. **AWOS–A**. NOTAM FILE BGR.
NDB unmonitored Sat–Sun; Mon–Fri 2100–1300Z‡. NDB unusable beyond 12 NM.
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

GREENVILLE JUNCTION

CURRIER'S SPB (21M) 0 N UTC−5(−4DT) N45°27.75′ W69°37.17′ MONTREAL
1028 NOTAM FILE BGR
WATERWAY 18–36: 10000X3000 (WATER)
WATERWAY 36: Rgt tfc.
SEAPLANE REMARKS: Attended May–Oct daylgt hrs. Nov–Apr unattended. SPB may be unusable from mid–Nov to mid–May due to fall ice formation and spring ice break–up and other adverse conditions. Acft may require skis during winter months due to frozen surface conditions. For SPB conditions call 207–695–2778. 150′ radio twr 200′ W of sealane and 150′ radio twr 1000′ SW of sealane. Be alert for recreational boats during summer months and snowmobiles during winter months. Be alert: nearby Greenville SPB (1.1 mile east) and Greenville Muni (3.3 mile east) utilize 122.8 for UNICOM/CTAF.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

HANCOCK CO–BAR HARBOR (See BAR HARBOR)

HOULTON INTL (HUL) 2 E UTC−5(−4DT) N46°07.48′ W67°47.54′ **HALIFAX**
490 B S4 **FUEL** 100LL, JET A AOE NOTAM FILE HUL **H–11D, L–32I**
RWY 05–23: H5015X100 (ASPH) S–30, D–57 MIRL **IAP, AD**
RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 50′.
RWY 23: REIL. PAPI(P4L)—GA 2.5° TCH 45′. Pole.
RWY 01–19: H2700X60 (ASPH)
AIRPORT REMARKS: Attended Mon–Fri 1200–2200Z‡. For fuel after hrs call 207–532–9079 or 207–538–7997 (cell). Deer on and invof arpt. For after hrs access to terminal building use frequency 122.8. ACTIVATE MIRL Rwy 05–23 and REIL Rwys 05 and Rwy 23—CTAF. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS 132.025 (207) 532–1584.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.2 122.1R 116.1T (BANGOR RADIO)
Ⓡ **BOSTON CENTER APP/DEP CON** 120.25 **CLNC DEL** 120.25 (Boston Center)
RADIO AIDS TO NAVIGATION: NOTAM FILE HUL.
(H) VOR/DME 116.1 HUL Chan 108 N46°02.37′ W67°50.05′ 040° 5.4 NM to fld. 860/21W.
VOR portion unusable 175°–190° byd 20 NM blo 6000′.
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

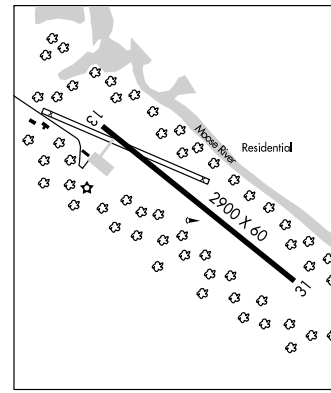


ISLESBORO (57B) 1 W UTC−5(−4DT) N44°18.15′ W68°54.64′ **HALIFAX**
92 NOTAM FILE BGR
RWY 01–19: H2400X50 (ASPH)
RWY 01: Thld dsplcd 250′. Trees. **RWY 19:** Road.
AIRPORT REMARKS: Unattended. Arpt CLOSED ngts. Arpt CLOSED January through March. Daytime use only. Deer on and invof arpt. No touch and go ops.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

JACKMAN

MOOSE RIVER SPB (6ØB) 0 W UTC−5(−4DT) N45°38.00′ W70°15.97′ **MONTREAL**
1157 LRA NOTAM FILE BGR
WATERWAY 09–27: 5500X200 (WATER)
WATERWAY 01–19: 4000X4000 (WATER)
SEAPLANE REMARKS: Unattended. For attendant call 207–668–4436/7777. Deer on and invof rwy. Flight Notification Service (ADCUS) avbl.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

NEWTON FLD (59B) 1 W UTC−5(−4DT) N45°37.97′ W70°14.93′ **MONTREAL**
1178 B **FUEL** 100LL LRA NOTAM FILE BGR
RWY 13–31: H2900X60 (ASPH) MIRL
RWY 13: Trees. **RWY 31:** REIL. Trees.
AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs. Birds, deer and moose on and invof arpt. ACTIVATE MIRL Rwy 13–31 and REIL Rwy 31—CTAF. Arpt bcn OTS indef. Flight Notification Service (ADCUS) available.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.



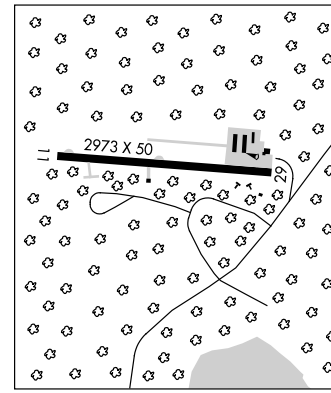
KENNEBUNK N43°25.54′ W70°36.81′ NOTAM FILE BGR. NEW YORK
(H) VORTAC 117.1 ENE Chan 118 262° 4.6 NM to Sanford Rgnl. 190/17W. H–11D, L–32H
DME unusable 265°–275° byd 25 NM blo 4000′; 345°–352° byd 30 NM blo 4000′.
RCO 122.1R 117.1T (BANGOR RADIO)

KNOX CO RGNL (See ROCKLAND)

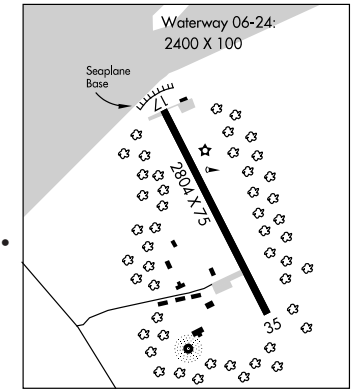
LAKESIDE MARINA SPB (See EAST WINTHROP)

LEWIE N43°57.74′ W70°20.28′ NOTAM FILE LEW. NEW YORK
NDB (LOM) 240 LE 041° 5.7 NM to Auburn–Lewiston Muni. L–32H

LIMINGTON–HARMON (63B) 3 N UTC−5(−4DT) N43°45.78′ W70°40.35′ NEW YORK
291 S4 **FUEL** 100LL TPA—1391(1100) NOTAM FILE BGR L–32H
RWY 11–29: H2973X50 (ASPH) LIRL(NSTD)
RWY 11: Trees. **RWY 29:** Trees.
AIRPORT REMARKS: Attended 1300–2200Z‡. 24 hr self-serve fuel. Rwy 11–29 NSTD LIRL. Rwy 29 has 2 thld lgts 200′ from thld. Rwy 11 has 1 thld lgt 300′ from thld 10′ left, many lgts missing. ACTIVATE LIRL Rwy 11–29—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.7
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
KENNEBUNK (H) VORTAC 117.1 ENE Chan 118 N43°25.54′ W70°36.81′ 010° 20.4 NM to fld. 190/17W.
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.



LINCOLN RGNL (LRG) 2 SW UTC−5(−4DT) N45°21.73′ W68°32.09′ HALIFAX
208 B NOTAM FILE BGR L–32I
RWY 17–35: H2804X75 (ASPH) S–25 MIRL 0.4% up S IAP
RWY 17: Trees. **RWY 35:** Trees.
AIRPORT REMARKS: Unattended. ACTIVATE MIRL Rwy 17–35—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 124.25
RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.
MILLINOCKET (H) VOR/DME 117.9 MLT Chan 126 N45°35.20′ W68°30.94′ 203° 13.5 NM to fld. 550/20W.
NDB (MHW) 216 LRG N45°21.39′ W68°32.22′ at fld. NOTAM FILE BGR. Unmonitored. Unusable byd 15 NM.
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.
• • • • • • • • • • • • • • • • • •
178
WATERWAY 06–24: 2400X100 (WATER)
Rwy 06W: P-line. **Rwy 24W:** Trees.
SEAPLANE REMARKS: Rwy 06W–24W CLOSED indefly.



LITTLEBROOK AIR PARK (See ELIOT)

LIVERMORE FALLS

BOWMAN FLD (B1Ø) 4 SE UTC−5(−4DT) N44°24.60′ W70°08.77′ **MONTREAL**

327 TPA—1677(1350) NOTAM FILE BGR

RWY 02–20: 2201X120 (TURF)

RWY 02: Tree. **RWY 20:** Tree.

AIRPORT REMARKS: Unattended. Runway not plowed in winter, no ngt ops except in emerg. Rwy 02 marked with yellow barrels at corners, white 2′ x 2′ markers along sides. Rwy 20 marked with yellow and white 2′ x 2′ markers (3 in a row) at corners, white barrels along sides.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

LONG LAKE SPB (See NAPLES)

LONG LAKE SPB (See SINCLAIR)

LUBEC MUNI (65B) 2 W UTC−5(−4DT) N44°50.19′ W67°01.62′ **HALIFAX**

85 B LRA NOTAM FILE BGR

RWY 08–26: 2024X100 (TURF–GRVL) LIRL

RWY 08: Trees. **RWY 26:** Tree.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. ACTIVATE LIRL Rwy 08–26 and rotating bcn—CTAF. Customs on request 207–733–4331.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

LUCKY LANDING MARINA AND SEAPLANE BASE (See BANGOR)

MACHIAS VALLEY (MVM) 1 SW UTC−5(−4DT) N44°42.19′ W67°28.72′ **HALIFAX**

96 B NOTAM FILE BGR **L–32I**

RWY 18–36: H2900X60 (ASPH) S–12.5 MIRL 0.9% up N **IAP**

RWY 18: Trees. **RWY 36:** REIL. Trees.

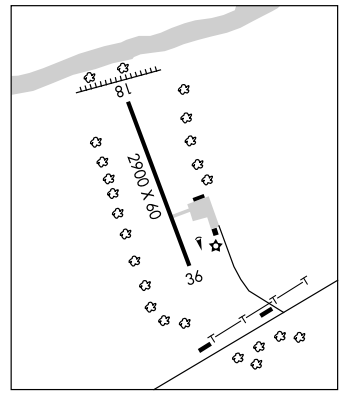
AIRPORT REMARKS: Unattended. Deer and wildlife on and invof arpt. ACTIVATE MIRL Rwy 18–36 and REIL Rwy 36—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 124.25 **CLNC DEL** 122.5 (Bangor RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 116° 60.2 NM to fld. 360/19W. **HIWAS.**



MEDDYBEMPS

GILLESPIE FLD (66B) 1 W UTC−5(−4DT) N45°02.00′ W67°20.97′ **HALIFAX**

200 NOTAM FILE BGR

RWY 16–34: 1635X50 (TURF)

RWY 16: Trees. **RWY 34:** Trees.

AIRPORT REMARKS: Unattended. Rwy not plowed winter months. 36′ p–line 280′ north of Rwy 16. Rwy 16–34 outlined with white cones.

COMMUNICATIONS: CTAF 122.9

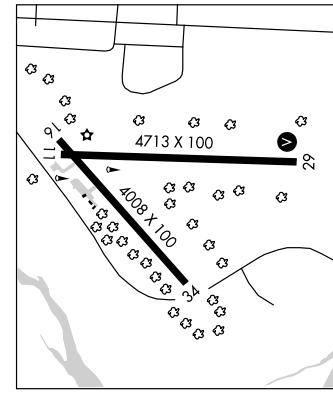
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

MERRYMEETING FLD (See BOWDOINHAM)

MILLINOCKET N45°35.20′ W68°30.93′ NOTAM FILE MLT. HALIFAX
(H) VOR/DME 117.9 MLT Chan 126 317° 8.1 NM to Millinocket Muni. 550/20W. H–11D, L–32I
VOR unusable 330°–340° beyond 35 NM below 6000′.
DME unusable 330°–350° byd 35 NM blo 6000′.
RCO 123.6 122.1R 117.9T (BANGOR RADIO)

MILLINOCKET

MILLINOCKET MUNI (MLT) 1 SE UTC−5(−4DT) N45°38.87′ W68°41.13′ HALIFAX
408 B **FUEL** 100LL, JET A NOTAM FILE MLT L–32I
RWY 11–29: H4713X100 (ASPH) S–30, D–44 MIRL IAP
RWY 11: REIL. Trees.
RWY 29: VASI(V4R)—GA 3° TCH 51′. Trees.
RWY 16–34: H4008X100 (ASPH) S–30, D–44 0.5% up NW
RWY 16: Trees. **RWY 34:** Road.
AIRPORT REMARKS: Attended May–Nov 1300–2200Z‡ Dec–Apr Mon–Fri 1300–2200Z‡. Fuel avbl 24 hrs, call 207–723–4375. Parachute Jumping. Rwy 16–34 CLOSED winter months except ski acft; snowbank crosses intersection Rwy 16–34 at Rwy 11–29 and along 1000 ft twy plowed center of Rwy 16–34 from intersection to south twy to ramp. Rwy 11 apch has several lgtd stacks 180′–270′ above rwy end elevation 2800′ from rwy end and immediately right of the apch. Wildlife on and invof arpt. ACTIVATE MIRL Rwy 11–29, REIL Rwy 11 and VASI Rwy 29—CTAF.
WEATHER DATA SOURCES: ASOS 135.225 (207) 723–8396.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 123.6 122.1R 117.9T (BANGOR RADIO)
BOSTON CENTER APP/DEP CON 120.25 **CLNC DEL** 123.6 (Bangor RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.
(H) VOR/DME 117.9 MLT Chan 126 N45°35.20′ W68°30.93′ 317° 8.1 NM to fld. 550/20W.
MILNOT NDB (H) 344 LNT N45°38.92′ W68°33.02′ 289° 5.7 NM to fld. Unmonitored. Unusable byd 15 NM.
ILS 108.9 I–MLT Rwy 29. LOC only.



MILLINOCKET SPB (7ØB) 7 NW UTC−5(−4DT) N45°43.70′ W68°50.67′ HALIFAX
492 **FUEL** 100LL NOTAM FILE BGR
WATERWAY ALL WAY: 4000X500 (WATER)
SEAPLANE REMARKS: Attended May–Oct dawn–dusk. Water level fluctuates 15′ +/− lowest in Sep and Oct. Preferred tkf and ldg direction for seaplane base 06–24.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

MILNOT N45°38.93′ W68°33.03′ NOTAM FILE MLT. HALIFAX
NDB (H) 344 LNT 289° 5.7 NM to Millinocket Muni. Unmonitored. Unusable byd 15 NM. L–32I

MOOSE RIVER SPB (See JACKMAN)

MOUNT VERNON

SEVEN G S SPB (75B) .9 S UTC−5(−4DT) N44°29.50′ W69°59.47′ MONTREAL
329 NOTAM FILE BGR
WATERWAY 04–22: 2500X200 (WATER)
WATERWAY 04: Trees. **WATERWAY 22:** Building.
SEAPLANE REMARK: Unattended.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

NAPLES

BRANDY POND SPB (5ME) 1 SE UTC−5(−4DT) N43°57.27′ W070°35.47′ NEW YORK
267 S2 **FUEL** 100LL NOTAM FILE BGR
WATERWAY 17–35: 7200X600 (WATER)
SEAPLANE REMARKS: Attended May–Oct Mon–Fri 1300–2200Z‡, Nov–Apr unattended. Follow channel markers to avoid shallow water. Jun–Aug heavy boat traffic on lake.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del through FLIGHT SERVICES 1–800–WX–BRIEF.

LONG LAKE SPB (76B) 1 NE UTC−5(−4DT) N43°58.25′ W70°36.22′ **NEW YORK**
267 **FUEL** 100LL NOTAM FILE BGR
WATERWAY 16–34: 15000X3960 (WATER)
SEAPLANE REMARKS: Attended May–Sep daylight hours.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: CInc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

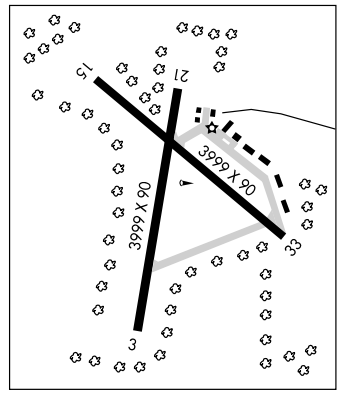
NEWTON FLD (See JACKMAN)

NORCROSS/MILLINOCKET

BUCKHORN CAMPS SPB (78B) 0 NE UTC−5(−4DT) N45°39.25′ W68°56.97′ **HALIFAX**
500 NOTAM FILE BGR
WATERWAY E–W: 3000X500 (WATER)
WATERWAY E: Trees. **WATERWAY W:** Trees.
WATERWAY NW–SE: 4000X500 (WATER)
WATERWAY NW: Trees. **WATERWAY SE:** Trees.
SEAPLANE REMARKS: Unattended. CAUTION–Many shallow rocky areas during low water conditions in middle of lake. Be alert: many shallow rocky areas around the docking area.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: CInc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

NORRIDGEWOCK

CENTRAL MAINE ARPT OF NORRIDGEWOCK (OWK) 3.5 W UTC−5(−4DT) **MONTREAL**
N44°42.93′ W69°51.99′ **L–32H**
270 B S4 **FUEL** 100LL, MOGAS NOTAM FILE BGR **IAP**
RWY 03–21: H3999X90 (ASPH) S–30, D–60
RWY 03: Trees. **RWY 21:** Trees.
RWY 15–33: H3999X90 (ASPH) S–30, D–60 MIRL
RWY 15: Trees. **RWY 33:** REIL. Trees.
AIRPORT REMARKS: Attended 1300–2200. Birds and deer on and invof arpt. Rwy 15 has 30′ dropoff 100′ from end of rwy. Rwy 21 has 30′ dropoff 100′ from end of rwy. Rwy 03 has 30′ dropoff 94′ from end of rwy. ACTIVATE MIRL Rwy 15–33 and REIL Rwy 33—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PORTLAND APP/DEP CON** 128.35 (1100–0500Z‡)
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°–292°) 124.25 (293°–111°) (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.
AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20′ W69°47.79′ 011° 23.9 NM to fld. 349/18W.
COMM/NAV/WEATHER REMARKS: CInc del thru FLIGHT SERVICES 1–800–WX–BRIEF.



NORTHERN AROOSTOOK RGNL (See FRENCHVILLE)

NORTHERN MAINE RGNL ARPT AT PRESQUE ISLE (See PRESQUE ISLE)

NORTHERN MAINE RGNL SPB (See PRESQUE ISLE)

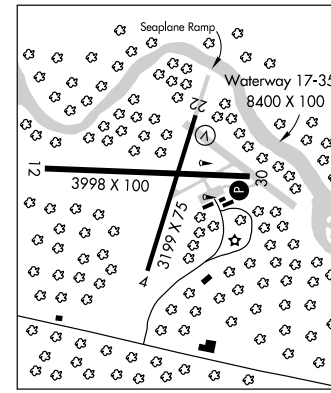
NOXKS N44°05.61′ W69°13.14′ NOTAM FILE RKD. **MONTREAL**
NDB (LOM) 334 RM 129° 5.6 NM to Knox Co Rgnl. **L–32H**

NUGENT CHAMBERLAIN LAKE SPB (See CHESUNCOOK)

OLD TOWN N45°00.34′ W68°38.06′ NOTAM FILE BGR. **HALIFAX**
NDB (MHW) 272 OLD 228° 3.6 NM to Dewitt Fld, Old Town Muni. Unmonitored. **L–32I**

OLD TOWN

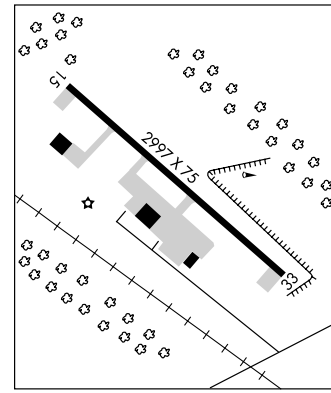
DEWITT FLD, OLD TOWN MUNI (OLD) 2 NW UTC−5(−4DT) N44°57.15′ W68°40.46′ — HALIFAX
126 B **FUEL** 100LL LRA NOTAM FILE BGR — L–32I
RWY 12–30: H3998X100 (ASPH) S–30 MIRL — IAP
RWY 12: Trees. **RWY 30:** PAPI(P4L)—GA 3.5° TCH 45′. Trees.
RWY 04–22: H3199X75 (ASPH) S–37, D–45 MIRL
RWY 04: REIL. Trees. **RWY 22:** VASI(V4L)—GA 3.5°TCH 52′. Trees.
AIRPORT REMARKS: Attended Nov–Mar 1300–2130Z‡, Apr–Oct 1300–2200Z‡. 24 hr fuel with major credit card. Rotating bcn OTS indefly. Rwy 04–22 large transverse cracks in rwy width 2 inch pavement differential. ACTIVATE MIRL Rwy 04–22 and Rwy 12–30, REIL Rwy 04 and PAPI Rwy 30—CTAF. Flight Notification Service (ADCUS) available.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BANGOR APP/DEP CON** 124.5
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 071° 10.8 NM to fld. 360/19W. **HIWAS.**
OLD TOWN NDB (MHW) 272 OLD N45°00.34′ W68°38.06′ 228° 3.6 NM to fld. Unmonitored.
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.



102
WATERWAY 17W–35W: 8400X100 (WATER)

ORHAM N43°39.15′ W70°26.45′ NOTAM FILE PWM. — NEW YORK
NDB (LOM) 394 PW 111° 5.8 NM to Portland Intl Jetport. Unmonitored. — L–32H

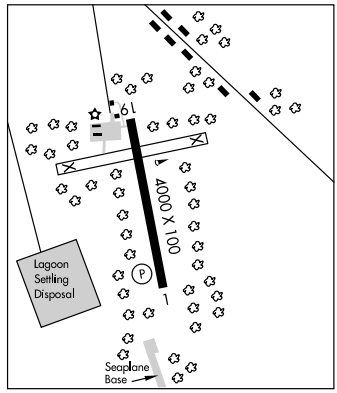
OXFORD CO RGNL (81B) 2 E UTC−5(−4DT) N44°09.45′ W70°28.88′ — MONTREAL
346 B S4 **FUEL** 100LL NOTAM FILE BGR — L–32H
RWY 15–33: H2997X75 (ASPH) S–25 MIRL — IAP
RWY 15: Trees. **RWY 33:** Tree.
AIRPORT REMARKS: Attended Mon–Sat 1230–2200Z‡. For fuel or maintenance call 207–539–4779. ACTIVATE MIRL Rwy 15–33—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
PORTLAND APP/DEP CON 125.5 (1100–0500Z‡)
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.
AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20′ W69°47.79′ 270° 31.1 NM to fld. 349/18W.
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.



PATTEN

SHIN POND SPB (85B) 8 NW UTC−5(−4DT) N46°06.25′ W68°33.72′ — HALIFAX
780 **FUEL** 100LL NOTAM FILE BGR
WATERWAY 02–20: 6000X200 (WATER)
SEAPLANE REMARKS: Attended daylight hours. Numerous boats and canoes on lake. Call 207–528–2626 for svc.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

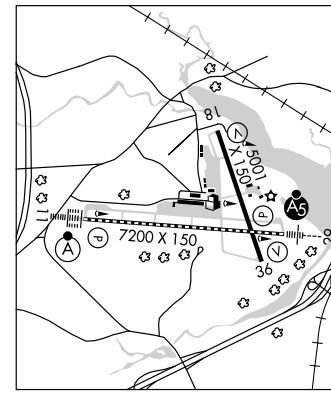
PITTSFIELD MUNI (2B7) 1 SE UTC−5(−4DT) N44°46.11′ W69°22.47′ **MONTREAL**
198 B S4 **FUEL** 100LL, JET A NOTAM FILE BGR **L–32H**
RWY 01–19: H4000X100 (ASPH) S–38, D–49 MIRL 0.6% up N **IAP**
RWY 01: REIL.PAPI(P4L). Brush.
RWY 19: REIL. Trees.
AIRPORT REMARKS: Attended 1200–2200Z‡. Fuel after hrs call 207–232–2318. Parachute activity on weekends at arpt. Deer on all rwys at night. ACTIVATE MIRL Rwy 01–19 and REIL Rwy 01 and Rwy 19—CTAF. Windsock lgts out of svc indefinitely.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BANGOR APP/DEP CON** 118.925
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (H) VORTACW 114.8 BGR Chan 95 N44°50.51′ W68°52.44′ 278° 21.8 NM to fld. 360/19W. **HIWAS.**
BURNHAM NDB (MHW) 348 BUP N44°41.84′ W69°21.47′ 009° 4.3 NM to fld. Unusable byd 20 NM.
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.



PORTAGE LAKE MUNI SPB (87B) 1 W UTC−5(−4DT) N46°45.62′ W68°28.85′ **HALIFAX**
608 NOTAM FILE BGR
WATERWAY 02–20: 5000X500 (WATER)
WATERWAY 15–33: 5000X500 (WATER)
SEAPLANE REMARKS: Unattended. Be alert: water depth 1–1½′ on all sides of the dock.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

PORTLAND INTL JETPORT (PWM) 2 W UTC−5(−4DT) N43°38.77′ W70°18.56′ **NEW YORK**
76 B S4 **FUEL** 100LL, JET A OX 1, 3 TPA—1076(1000) LRA Class I, ARFF Index C **H–11D, L–32H**
NOTAM FILE PWM **IAP, AD**

RWY 11–29: H7200X150 (ASPH–GRVD) S–75, D–169, ST–175, DT–300 HIRL CL 0.5% up W
RWY 11: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 52′. Trees.
RWY 29: MALSR. PAPI(P4R)—GA 3.0° TCH 53′. Tree.
RWY 18–36: H5001X150 (ASPH) S–75, D–165, ST–175, DT–300 MIRL
RWY 18: REIL. VASI(V4L)—GA 3.25° TCH 53′. Tree.
RWY 36: REIL. VASI(V4R)—GA 3.0°. Tree.



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 11	18–36	5800
RWY 18	11–29	3500

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11:	TORA–7200	TODA–7200	ASDA–6800	LDA–6800
RWY 18:	TORA–5001	TODA–5001	ASDA–5001	LDA–5001
RWY 29:	TORA–7200	TODA–7200	ASDA–7200	LDA–7200
RWY 36:	TORA–5001	TODA–5001	ASDA–5001	LDA–5001

AIRPORT REMARKS: Attended 1100–0300Z‡. For fuel after hours, call 207–775–5635 or 207–774–6318. Deer and wildlife occasionally on and invof arpt especially during hours of darkness; seagulls on and invof arpt especially during IFR weather conditions. Acft emergencies between 0500–1045Z‡ call 1–207–874–8576. Twy A east of Rwy 18–36 CLOSED to B–747 C–5 and C–141 acft. No touch and go ldgs during snow removal. PAEW adjacent to rwys ngts, ground vehicles monitor 120.9 when twr clsd. Rwy 11 touchdown, midfield and rollout visual range avbl. Rwy 29 touchdown midfield and rollout visual range avbl. Maintenance run-ups Rwy 11 run-up area only. Prior to any run–ups, or for noise abatement information, ctc the arpt com center on freq 129.95 or call 207–756–8310. Rwy 11 touchdown zone lgts unavailable when twr is clsd. Rwy 11 ALSF–II becomes SSALR when twr is clsd. When twr clsd, Rwy 11–29 HIRL and centerline lgts and MIRL Rwy 18–36 preset on med intensity only. ACTIVATE MALSR Rwy 29 and REIL Rwy 18 and Rwy 36—CTAF. GA Customs/Immigration facility located at FSDO ramp. Flight Notification Service (ADCUS) available.

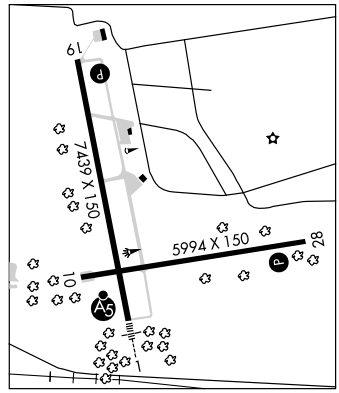
WEATHER DATA SOURCES: ASOS (207) 874–7914
COMMUNICATIONS: CTAF 120.9 **ATIS** 119.05 (207–775–1039) **UNICOM** 122.95
Ⓡ **PORTLAND APP/DEP CON** 119.75 (South) 125.5 (North) 132.4 (1045–0500Z‡)
BOSTON CENTER APP/DEP CON 128.2 (0500–1045‡)
TOWER 120.9 (1045–0500Z‡) **GND CON** 121.9 **CLNC DEL** 121.9
AIRSPACE: CLASS C svc (1045–0500Z‡) ctc **APP CON** other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
KENNEBUNK (H) VORTAC 117.1 ENE Chan 118 N43°25.54′ W70°36.81′ 062° 18.7 NM to fld. 190/17W.
ORHAM NDB (LOM) 394 PW N43°39.15′ W70°26.45′ 111° 5.7 NM to fld. Unmonitored.
ILS/DME 109.9 I–PWM Chan 36 Rwy 11. Class IIIE. LOM ORHAM NDB. LOM unmonitored.
ILS/DME 109.9 I–GCS Chan 36 Rwy 29. Class IE.
COMM/NAV/WEATHER REMARKS: Communications available on ground thru BANGOR RADIO on freq 120.9 when twr clsd. Twr occasionally stays open byd 0500Z‡ during adverse weather.

PRESQUE ISLE N46°46.45′ W68°05.67′ NOTAM FILE PQI. **HALIFAX**
(H) VORW/DME 116.4 PQI Chan 111 179° 5.5 NM to Northern Maine Rgnl **H–11D, L–32I**
at Presque Isle. 590/21W. **HIWAS.**
DME portion unusable:
180°–200° byd 30 NM blo 3400′

PRESQUE ISLE

NORTHERN MAINE RGNL ARPT AT PRESQUE ISLE (PQI) 1 NW UTC−5(−4DT) **HALIFAX**
N46°41.34′ W68°02.69′ **H–11D, L–32I**
534 B S2 **FUEL** 100LL, JET A LRA Class I, ARFF Index A NOTAM FILE PQI **IAP**

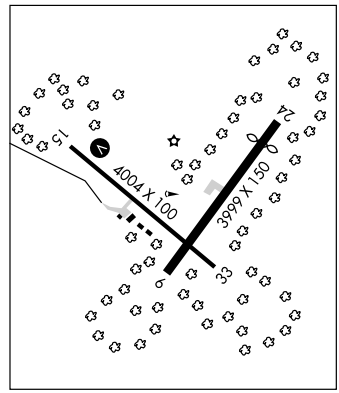
RWY 01–19: H7439X150 (ASPH) S–100, D–150, ST–137,
DT–240 PCN 94 F/A/W/T HIRL 1.1% Up N
RWY 01: MALSR.
RWY 19: REIL. PAPI(P4L)—GA 3.7° TCH 50′. (Unmonitored). Trees.
RWY 10–28: H5994X150 (ASPH) S–100, D–150,
DT–240 PCN 94 F/A/W/T MIRL
RWY 28: PAPI(P4L)—GA 3.0°TCH 40′. Railroad.



AIRPORT REMARKS: Attended 1100–0000Z‡. CLOSED to unscheduled air carrier ops with more than 9 passenger seats except PPR call arpt manager 207–764–2550. PAEW adjacent to rwys and twys (mowing) May 1 thru Nov 1. PAPI Rwy 28 unusable byd 8° left of centerline. ACTIVATE HIRL Rwy 01–19; MIRL Rwy 10–28; MALSR Rwy 01; REIL Rwy 19 and PAPI Rwys 19 and 28—122.6. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: AWOS–3 118.025 (207) 764–7248.
HIWAS 116.4 PQI.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 124.75
AIRSPACE: CLASS E svc Mon–Sat 1000–0200Z‡, Sun 1300–0200Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE PQI.
PRESQUE ISLE (H) VORW/DME 116.4 PQI Chan 111 N46°46.45′ W68°05.67′ 179° 5.5 NM to fld. 590/21W. **HIWAS.**
EXCAL NDB (LOM) 278 PQ N46°36.62′ W68°01.16′ 007° 4.8 NM to fld. Unmonitored.
ILS 108.7 I–PQI Rwy 01. Class IE. LOM EXCAL NDB. ILS unmonitored.
COMM/NAV/WEATHER REMARKS: Clnc Del provided by Boston Center on 121.6.

NORTHERN MAINE RGNL SPB (83B) 2 NW UTC−5(−4DT) **HALIFAX**
N46°42.45′ W68°03.67′
500 TPA—1800(1300) NOTAM FILE BGR
WATERWAY 01–19: 6000X300 (WATER)
WATERWAY 01: Trees. **WATERWAY 19:** Trees. Rgt tfc.
SEAPLANE REMARKS: Unattended. Rising terrain west side of lake. Arpt located northwest of NORTHERN MAINE RGNL ARPT, PRESQUE ISLE which has unicom freq. 122.8, clear-green rotating bcn, and windcone.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

PRINCETON MUNI (PNN) 2 S UTC−5(−4DT) N45°12.04′ W67°33.86′ **HALIFAX**
266 B **FUEL** 100LL LRA NOTAM FILE BGR **L–32I**
RWY 15–33: H4004X100 (ASPH) S–31, D–38 MIRL (NSTD) 0.7% up NW **IAP**
RWY 15: VASI(V4L)—GA 3.0° TCH 51′. Trees. **RWY 33:** Trees.
RWY 06–24: H3999X150 (ASPH)
RWY 06: Trees. **RWY 24:** Thld dsplcd 504′. Trees.



AIRPORT REMARKS: Unattended. 24 hr fuel avbl with major credit card. Rwy 06–24 CLOSED to acft. No line of sight exists between ends of Rwy 15–33. ACTIVATE NSTD MIRL Rwy 15–33 and VASI Rwy 15—CTAF. Rwy 15–33 NSTD MIRL; lgts 25 ft from rwy edges. Flight Notification Service (ADCUS) available.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.1R 114.3T (BANGOR RADIO)
BOSTON CENTER APP/DEP CON 124.25
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
(L) VOR/DME 114.3 PNN Chan 90 N45°19.75′ W67°42.25′ 163° 9.7 NM to fld. 400/21W.
VOR portion unusable 300°–330° byd 23 NM blo 4500′.
DME unusable 300°–330° blo 4500′ byd 25 NM.
COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

RANGELEY

RANGELEY LAKE SPB (M57) 2 N UTC−5(−4DT) N44°57.20′ W70°39.78′ — MONTREAL L–32H IAP

1518 **FUEL** 100LL NOTAM FILE BGR

WATERWAY 06–24: 7000X1000 (WATER)

SEAPLANE REMARKS: Unattended. Significant boat activity in summer months.

COMMUNICATIONS: CTAF 122.9

BOSTON CENTER APP/DEP CON 124.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

BERLIN (T) VORW/DME 110.4 BML Chan 41 N44°38.01′ W71°11.17′ 063° 31.0 NM to fld. 1730/17W.

NDB (MHW) 221 RQM N44°56.07′ W70°45.07′ 065° 5.1 NM to fld. NOTAM FILE BGR. Unmonitored. NDB unusable byd 18 NM.

COMM/NAV/WEATHER REMARKS: CInc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

STEVEN A BEAN MUNI (8BØ) 2NW UTC−5(−4DT) N44°59.51′ W70°39.88′ — MONTREAL L–32H IAP

1825 B S2 **FUEL** 100LL, JET A NOTAM FILE BGR

RWY 14–32: H3200X75 (ASPH) S–13 MIRL

RWY 32: REIL. Tree.

AIRPORT REMARKS: Attended irregularly. For fuel, call 207–864–5307. Migratory birds on and invof arpt. Military ops in area (F–16 and A–10 acft). Ramp area adjacent fuel pumps subject to severe frost heaves. ACTIVATE MIRL Rwy 14–32 and REIL Rwy 32–122.8.

WEATHER DATA SOURCES: AWOS–3 118.0 (207) 864–5250.

COMMUNICATIONS: CTAF/UNICOM 122.8

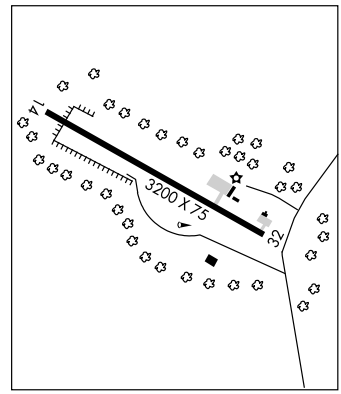
BOSTON CENTER APP/DEP CON 124.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

BERLIN (T) VORW/DME 110.4 BML Chan 41 N44°38.01′ W71°11.17′ 063° 31.0 NM to fld. 1730/17W. **HIWAS.**

RANGELEY NDB (MHW) 221 RQM N44°56.07′ W70°45.07′ 065° 5.0 NM to fld. NOTAM FILE BGR. NDB unusable byd 18 NM. Unmonitored.

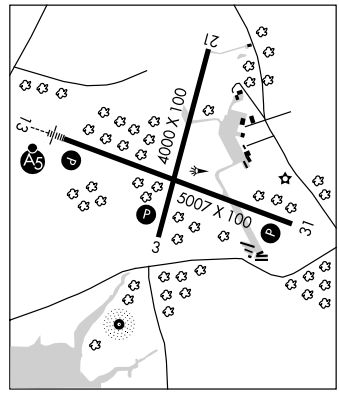
COMM/NAV/WEATHER REMARKS: CInc del thru FLIGHT SERVICES 1–800–WX–BRIEF.



ROCKLAND

KNOX CO RGNL (RKD) 3 S UTC−5(−4DT) N44°03.60′ W69°05.96′ — MONTREAL
56 B S4 **FUEL** 100LL, JET A Class III, ARFF Index A NOTAM FILE RKD — H–11D, L–32H
RWY 13–31: H5007X100 (ASPH) S–65, D–80, ST–83 HIRL — IAP
RWY 13: MALSR. PAPI (P4R)—GA 3.0° TCH 51′. Trees.
RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 50′. Trees.
RWY 03–21: H4000X100 (ASPH) S–65, D–80, ST–83 MIRL
RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 34′. Trees.
RWY 21: Trees.
RUNWAY DECLARED DISTANCE INFORMATION

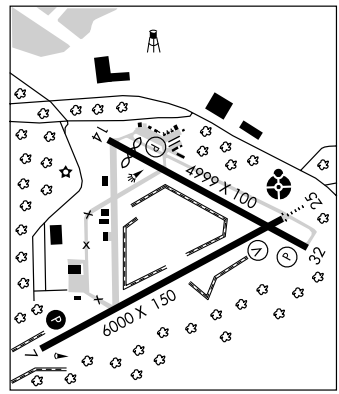
RWY 03:	TORA–4000	TODA–4000	ASDA–4000	LDA–4000
RWY 13:	TORA–5007	TODA–5007	ASDA–5007	LDA–5007
RWY 21:	TORA–4000	TODA–4000	ASDA–4000	LDA–4000
RWY 31:	TORA–5007	TODA–5007	ASDA–5007	LDA–5007



AIRPORT REMARKS: Attended Mon–Fri 1200–2300Z‡. Arpt may be unattended from 0300–1100Z‡. Rwy conditions may not be avbl weekends and SS–1200Z‡ Mon, Thu, Fri. Seagulls and deer on and invof arpt. Voluntary ngt curfew in effect 0330–1100Z‡. Noise abatement procedures in effect; call 207–596–0617. ACTIVATE MIRL Rwy 03–21, HIRL Rwy 13–31, MALSR Rwy 13, PAPI Rwys 03, 13, 31, and REIL Rwys 03 and 31—CTAF.
WEATHER DATA SOURCES: AWOS–3 119.025 (207) 594–7946.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **PORTLAND APP/DEP CON** 128.35 (Mon–Fri 1100–0300Z‡. Clsd Sat, Sun and holidays) **CLNC DEL** 123.8
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°–292°) 124.25 (293°–111°) (Mon–Fri 0300–1100Z‡. Clsd Sat, Sun and holidays).
RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.
AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20′ W69°47.79′ 135° 33.9 NM to fld. 349/18W
NOXKS NDB (LOM) 334 RM N44°05.61′ W69°13.14′ 129° 5.6 NM to fld.
SPRUCEHEAD NDB (MHW) 356 SUH N44°03.01′ W69°06.30′ at fld. NOTAM FILE RKD. NDB unmonitored.
ILS/DME 111.7 I–RMZ Chan 54 Rwy 13. LOM NOXKS NDB.
COMM/NAV/WEATHER REMARKS: Clearance delivery Brunswick Apch during normal operating hours TF 1–800–545–8883.

SANFD N43°20.07′ W70°50.06′ NOTAM FILE SFM. — NEW YORK
NDB (LOM) 349 SF 074° 6.6 NM to Sanford Rgnl. — L–32H

SANFORD RGNL (SFM) 4 SE UTC−5(−4DT) N43°23.63′ W70°42.48′ — NEW YORK
244 B S4 **FUEL** 100LL, JET A OX 3, 4 NOTAM FILE SFM — H–11D, 12K, L–32H
RWY 07–25: H6000X150 (ASPH) S–50, D–82, ST–104 HIRL — IAP
RWY 07: REIL. PAPI (P4L)—GA 3.0° TCH 42′.
RWY 25: ODALS. VASI(V4L)—GA 3.0°TCH 59′.
RWY 14–32: H4999X100 (ASPH) D–72, ST–91 MIRL 0.3% up NW
RWY 14: PAPI(P4L)—GA 4.0° TCH 23′. Thld dsplcd 896′. Tree.
RWY 32: PAPI(P4L)—GA 3.0° TCH 36′. Tree.



AIRPORT REMARKS: Attended 1200Z‡–dusk. Wildlife on and invof arpt. Calm wind preferred Rwy 32. ACTIVATE HIRL Rwy 07–25, MIRL Rwy 14–32, PAPI and REIL Rwy 07, ODALS Rwy 25 and Twy E—CTAF.
WEATHER DATA SOURCES: AWOS–3 120.025 (207) 324–1958.
COMMUNICATIONS: CTAF/UNICOM 123.075
WATERBORO RCO 122.25 (BANGOR RADIO)
Ⓡ **PORTLAND APP/DEP CON** 119.75 (1100–0500Z‡) **CLNC DEL** 121.725
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
KENNEBUNK (H) VORTAC 117.1 ENE Chan 118 N43°25.54′ W70°36.81′ 262° 4.6 NM to fld. 190/17W.
SANFD NDB (LOM) 349 SF N43°20.07′ W70°50.06′ 074° 6.6 NM to fld.
ILS 111.5 I–SFM Rwy 07. Class IB. LOM SANFD NDB.

SEBAGO N43°54.26′ W70°46.94′ NOTAM FILE IZG. — NEW YORK
NDB (MHW) 227 SZO 323° 8.9 NM to Eastern Slopes Rgnl. NDB unusable byd 18 NM. — L–32H

SENATOR OWEN BREWSTER (See DEXTER)

SEVEN G S SPB (See MOUNT VERNON)

SHIN POND SPB (See PATTEN)

SINCLAIR

LONG LAKE SPB (92B) 3 NE UTC–5(–4DT) N47°11.59′ W68°13.89′ **HALIFAX**

581 B **FUEL** MOGAS NOTAM FILE BGR

WATERWAY 15–33: 25000X4000 (WATER)

WATERWAY 07–25: 15800X2640 (WATER)

SEAPLANE REMARKS: Attended 1400Z‡–dusk. For fuel after hrs call 207–543–7584. Fuel contains ethanol. For arpt attendance after hrs call 207–543–7584.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

SPRUCEHEAD N44°03.01′ W69°06.30′ NOTAM FILE RKD. **NEW YORK**

NDB (MHW) 356 SUH at Knox Co Rgnl. NDB unmonitored. **L–32H**

SQUAW N45°31.30′ W69°40.47′ NOTAM FILE BGR. **MONTREAL**

NDB (MHW) 236 XQA 142° 6.3 NM to Greenville Muni. **L–32H**

Unmonitored Sat–Sun; Mon–Fri 2100–1300Z‡. Unusable byd 12 NM.

STEVEN A BEAN MUNI (See RANGELEY)

STONINGTON MUNI (93B) 1 NW UTC–5(–4DT) N44°10.39′ W68°40.82′ **HALIFAX**

30 NOTAM FILE BGR

RWY 07–25: H2099X60 (ASPH)

RWY 07: Trees. **RWY 25:** Trees.

AIRPORT REMARKS: Unattended. Daylight use only. Use extreme care seagulls on and in vicinity of arpt.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

SUGARLOAF RGNL (See CARRABASSETT)

SURRY N44°32.32′ W68°18.40′ NOTAM FILE BHB. **HALIFAX**

NDB (MHW/LOM) 330 BH 223° 5.8 NM to Hancock Co–Bar Harbor. **L–32I**

SWANS FLD (See DIXFIELD)

SWANS ISLAND

BANKS (ME5) 5 N UTC–5(–4DT) N44°09.92′ W68°25.69′ **HALIFAX**

100 NOTAM FILE BGR

RWY 10–28: 1500X30 (GRVL)

RWY 10: Trees. **RWY 28:** Thld dsplcd 300′. Twr.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA–1500 TODA–1500 ASDA–1500 LDA–1500

RWY 28: TORA–1500 TODA–1500 ASDA–1500 LDA–1200

AIRPORT REMARKS: Unattended. Prior to using arpt call 207–526–4305. All ops restricted to dalgt VFR only. Rwy 10 trees 50′ AGL end of rwy. Rwy 28 communications twr 500′ AGL; 1 mile SE of rwy. Rwy 28 trees 50′ AGL–400′ from end of rwy. Building 15′ AGL–200′ from end of rwy.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

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HELIPAD H1: H40X40 (CONC)

HELIPORT REMARKS: Ingress and egress to helipad between 130° and 320°.

TOTTE N44°43.65′ W68°42.77′ NOTAM FILE BGR. **HALIFAX**

NDB 227 BG 333° 6.9 NM to Bangor Intl. **L–32I**

TURNER

TWITCHELL (3B5) 4 S UTC−5(−4DT) N44°11.34′ W70°13.97′ **MONTREAL**

356 S4 **FUEL** 100LL NOTAM FILE BGR

RWY 11–29: 2151X100 (TURF)

RWY 11: Road. **RWY 29:** Trees.

RWY 12–30: H2104X50 (ASPH) S–8.5

RWY 12: Trees. **RWY 30:** Trees.

AIRPORT REMARKS: Attended 1300–2200Z‡. For fuel maintenance or seaplane information call 207–225–3490. Emergency phone 207–754–1160.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20′ W69°47.79′ 265° 20.4 NM to fld. 349/18W.

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

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WATERWAY 04–22: 10000X1000 (WATER)

WATERWAY 04: Trees. **WATERWAY 22:** Trees.

WATERWAY 15–33: 5000X1000 (WATER)

TWITCHELL (See TURNER)

VAN BUREN SPB (Ø5B) ØN UTC−5(−4DT) N47°09.54′ W67°55.92′ **HALIFAX**

440 LRA NOTAM FILE BGR

WATERWAY NW–SE: 4000X200 (WATER)

WATERWAY SE: Bridge.

SEAPLANE REMARKS: Unattended. CLOSED Oct 15–May 15 yearly. Dock located near base of bridge. Flight Notification Service (ADCUS) available. U.S. Customs avbl 24 hrs, 207–868–2202.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

WALES (ME6) 2 SSW UTC−5(−4DT) N44°10.47′ W70°01.14′ **MONTREAL**

210 NOTAM FILE BGR

RWY 04–22: 2100X80 (TURF)

RWY 04: Ground. **RWY 22:** Tree.

AIRPORT REMARKS: Unattended. Arpt CLOSED Nov–May, except for skiing. Rwy 04–22 soft in spring, call prior to landing 207–933–4725. 1239′ MSL twr 7000′ southeast and 968′ MSL twr 9600′ south southeast of arpt. Twr 9500′ south. Rwy 04–22 has white cone markings and white 5 gallon bucket markings.

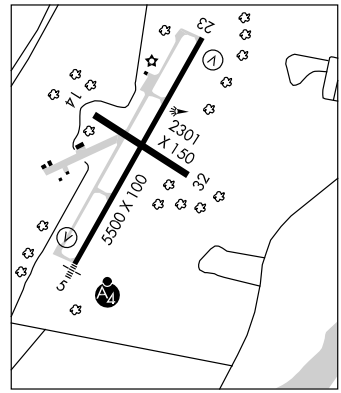
COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru FLIGHT SERVICES 1–800–WX–BRIEF.

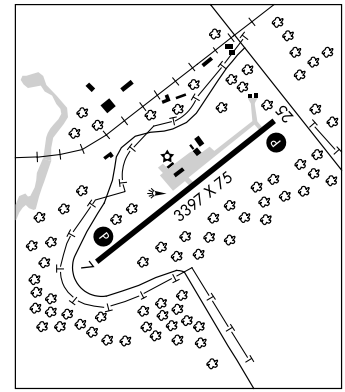
WATERBORO N43°33.28′ W70°45.42′ **NEW YORK**

RCO 122.25 (BANGOR RADIO) **L–32H**

WATERVILLE ROBERT LAFLEUR (WVL) 2 SW UTC−5(−4DT) N44°32.00′ W69°40.53′ **MONTREAL**
333 B **FUEL** 100LL, JET A NOTAM FILE WVL **H–11D, L–32H**
RWY 05–23: H5500X100 (ASPH) S–40, D–60, DT–105 HIRL 1.2% up NE **IAP**
RWY 05: MALSF. VASI(V4L)—GA 3.0° TCH 51′.
RWY 23: REIL. VASI(V2L). Tree.
RWY 14–32: H2301X150 (ASPH) S–25 MIRL 0.4% up NW
RWY 14: Trees. **RWY 32:** Brush.
AIRPORT REMARKS: Attended May–Oct 1300–2300Z‡, Nov–Apr 1330–2100Z‡. For fuel after hrs 207–314–7730 (fee charged). Numerous seagulls on and within 1½ miles of arpt. Deer on and invof arpt. Wild turkeys within arpt perimeter fence. Rwy 05–23 longitudal cracks and vegetation growing through rwy asphalt. Rwy 14–32 surface is cracked with weeds. Rwy 14 hold position markings missing. Avoid hospital one mile north. Helicopter ops paved areas only. ACTIVATE HIRL Rwy 05–23, MALSF Rwy 05—CTAF, MIRL Rwy 14–32 opr dusk–dawn.
WEATHER DATA SOURCES: AWOS–3 118.375 (207) 877–0519.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **PORTLAND APP/DEP CON** 128.35 (1100–0500Z‡) **CLNC DEL** 124.6
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°–292°) 124.25 (293°–111°) (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.
AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20′ W69°47.79′ 040° 13.8 NM to fld. 349/18W.
BRACY NDB (MHW/LOM) 399 RL N44°27.61′ W69°44.09′ 048° 5.1 NM to fld. NDB/LOM unusable byd 15 NM.
ILS/DME 110.5 I–RLU Chan 42 Rwy 05. Class IB. LOM BRACY NDB. Glide slope unusable byd 9 NM and unusable byd 5° left and rgt side of course. BRACY LOM/NDB unusable byd 15 NM.



WISCASSET (IWI) 3 SW UTC−5(−4DT) N43°57.69′ W69°42.75′ **NEW YORK**
70 B S3 **FUEL** 100LL, JET A TPA—1070(1000) NOTAM FILE IWI **L–32H**
RWY 07–25: H3397X75 (ASPH) S–22 MIRL **IAP**
RWY 07: PAPI(P4L)—GA 4.0°TCH 40′. Trees.
RWY 25: REIL. PAPI(P4L)—GA 3.5°TCH 40′. Trees. Rgt tfc.
AIRPORT REMARKS: Attended Mon–Sat 1300–2200Z‡, Sun 1800–2200Z‡. 24 hr credit card fuel opr. Deer on and invof arpt. Noise sensitive area southeast off end of Rwy 07. Arpt has noise abatement procedures ctc arpt manager 207–449–3172. ACTIVATE MIRL Rwy 07–25; PAPI Rwys 07 and 25; REIL Rwy 25—CTAF.
WEATHER DATA SOURCES: ASOS 135.725 (207) 882–8094.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PORTLAND APP/DEP CON** 128.35 (Mon–Fri 1100–0300Z‡. Clsd Sat, Sun, and holidays)
Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°–292°) 124.25 (293°–111°) (Mon–Fri 0300–1100Z‡. Clsd Sat, Sun, and holidays)
RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.
AUGUSTA (L) VOR/DME 111.4 AUG Chan 51 N44°19.20′ W69°47.79′ 188° 21.8 NM to fld. 349/18W.
COMM/NAV/WEATHER REMARKS: Clnc del ctc Brunswick Apch during normal opr hours on phone 1–800–545–8883.



ABERDEEN N39°32.11′ W76°06.38′ NOTAM FILE DCA. **WASHINGTON**

NDB (MHWZ) 349 APG 226° 5.1 NM to Phillips AAF. Unmonitored Mon–Fri and holidays 2130–1230Z‡, other times PPR. **L–34F, 36J, A**

ABERDEEN PROVING GROUND (See PHILLIPS AAF)

ANDREWS AFB (ADW)(KADW) AF/N (ANG AFRC) 3 E **WASHINGTON**

UTC−5(−4DT) N38°48.65′ W76°52.02′ **COPTER**

280 B TPA—See Remarks AOE NOTAM FILE ADW Not insp. **H–10H, 12I, L–29E, 34F, 36I, A**

RWY 01R–19L: H9755X150 (PEM) PCN 28 R/B/W/T HIRL **DIAP, AD**

RWY 01R: ALSF1. PAPI(P4L). **RWY 19L:** ALSF1. PAPI(P4R).

RWY 01L–19R: H9300X200 (CONC) PCN 55 R/B/W/T HIRL CL

RWY 01L: ALSF2. TDZL. PAPI(P4L). **RWY 19R:** ALSF2. TDZL. PAPI(P4L).

ARRESTING GEAR/SYSTEM

RWY 01R HOOK MB60 (35′ OVRN) HOOK BAK–12B(B) (1500′).

HOOK BAK–12B(B) (1536′). HOOK MB60 (35′ OVRN) **RWY 19L**

MILITARY SERVICE: LGT Rwy 01L–19R PAPI and ILS rwy point of intercept not coincidental, Rwy 01L apch end PAPI located on rgt side of rwy. Rwy 01L–19R PAPI set for height group 4. Rwy 01R–19L PAPI and ILS rwy intercept point not coincidental. Rwy 01R–19L PAPI set for height group 3. **A–GEAR** BAK 12–A apch end Rwy 01R–19L not avbl and rqr 30 minutes prior notice weekdays from 1130–2230Z‡. Rwy 01R–19L Hook MB60 unsvc. **JASU** (A/M32A–86) 9(AM32–95) **JASU NAVY** 8(GTC–85) 9(NC–10C) 2(NC–8) 4(A/M47A–4). **FUEL** Expect 30 minute delay. Aircrew of tran acft rqr power on refueling must assist in refueling. J8. (NC–115, B+) **NAVY FUEL** J8. Avbl on req expect minimum 1 hr delay. **FLUID** SP PRESAIR De–Ice LPOX HPOX LOX **FLUID NAVY** ADI SP PRESAIR De–Ice expect extensive delay; LHOX LOX **OIL** SOAP

OIL NAVY O–128–133–148–156

TRAN ALERT NAVY Servicing not avbl T–33 acft. No maintenance/cargo handling avbl. Expect servicing delay. Local staging flight prohibited.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. Navy Transit Line opr 1130–2200Z‡, closed Federal holidays. **RSTD** Rwy 01L–19R south end underrun/overrun unusable due to pavement degradation. Rwy 01R–19L PCN 28 due to pavement condition; ctc 316 OSS Afld Ops for waiver DSN 858–3411. Official Business Only. PPR for all acft. DVs, SAM, EVAC are exempt from restrictions however rqr PPR for tracking and ramp avbl. DSN 858–3411. Rwy closures normally Mon between 1300–2200Z‡. Rwy closure will alternate between the East and West rwy each week. All acft filing to Andrews AFB must call for ramp freeze information, ramp freezes close airfld up to 30 minutes, delays are possible. Up to date information on closures/ramp freezes will be in NOTAMS. No general aviation acft, no aero club support. No arr/dep of tran fighter acft with live forward firing munitions. All inbound acft ctc Command Post 30 min out with DV Codes, load message, blocktime, ETD and requirements. AMC acft opr restricted during Bird Watch condition Moderate (tkf or ldg permission only when dep/arrival route avoid identified bird activity, no local IFR/VFR tfc pat activity) and Severe (tkf and ldg prohibited without OG/CC or higher approval), ctc Twr/Gnd/ATIS for current Bird Watch Condition. All twys are 75′ wide except Twy E1 and Twy E2, Twy E btn Twy E1 and Twy E4 are only 50′ wide. Twy E, north of E3 clsd to acft with wingspan greater than 165′ (C5, B747, C17, KC10 etc.). For remain overnight svc call Comd Post DSN 858–5058 or C301–981–5058. AM Ops does not have COMSEC storage facilities; tran crews should plan to arrive with appropriate amount of COMSEC to complete mission; COMSEC can be stored at COMD POST; DSN 858–5058, C301–981–5058. Compass rose closed except to towed acft. PAD 12 closed. Twy W2 is prohibited to acft with wingspans larger than 110′. Twy E–4 restricted to C130/C20 or smaller acft. **RSTD NAVY** Aircrews destination to Navy Ramp file 'Navy Ramp' in remark section of flight plan. **CAUTION** Extremely heavy VFR conflicting tfc north and south quadrants. Visibility above 3 miles restricted by trees. Wind flow from 200°–300° disrupted by hangar on southeast side of airfield. Deer hazard—Deer are active on Andrews airfield pilots report any activity to twr/PTD. Bird hazard—expect increased bird activity (Phase II) from Sep–Oct. Flight restricted zone and SFRA in the Washington DC Metropolitan area. All non–DOD acft must ctc Transportation Security Administration for Special Flight Rules Area (SFRA) waiver in accordance with ZDC NOTAM 5–7 days prior. Obst 365′ AGL water tower, near ANG fac and Dower House Rd, east side of afld, without obstruction lgts N48°54.8′ W51°08.8′ Obst erected: Crane 572′ MSL west of afld at new BRAC fac (N38°48′51.67″ W076°53′22.92″).**TFC PAT** Because of extremely heavy air tfc to the west, all acft on overhead pattern will enter from the east, regardless of ldg rwy. TPA—Overhead pattern 2000(1720), rectangular pattern 1500(1220), lgt acft 1000(720), helicopter 800(520). Acft request VFR multi patterns must use twr VHF frequency. **NS ABTMT** 0000–1100Z‡, daily, no helicopter overflight or traffic pattern west of Rwy 01L–19R (over base housing) blo 800′ AGL. Scramble/Alert missions exempt. Strict compliance with procedure required. Airfield Management OPS DSN 858–3411, C301–981–3411. **NS ABTMT NAVY RAMP** Turboprop taxi low idle and secure outboard engines prior to ramp entry, exempt during ice conditions. **MISC** All tran acft will hold on Twy W for follow–me vehicle prior to entering parking ramp. First 4300′ and last 325′ Rwy 01R concrete. Fighter/training acft bring engine covers. Acft with VIP expecting transfer to AF helicopter must ctc Mussel OPS (141.7 292.2) 15 minutes out if arrival will be different than scheduled. **CSTMS/AG/IMG** Customs Border Protection hrs 1400–2200Z‡. OT agents drive to Andrews AFB. No-notice acft that rqr Customs can expect min 2 hr delay.

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AFRC AFRC ramp PPR call DSN 857–5556 24 hrs prior notice required. Arrival/Departure must occur during normal duty hrs Mon–Fri 1300–2100Z‡. Ctc AFRC Comd Post 30 minutes prior to ldg. Tran maintenance limited. All acft will hold on Twy E prior to entering parking ramp C240–857–5556. **MISC NAVY** Enter Navy ramp at north entrance, Twy E–3. **ANG** PPR for servicing and use of parking ramps. NoAvgas or reciprocating engine oil avbl, limited maintenance. Ctc 201 OPS DSN 857–7161/62, UHF 314.25; located west side of airfield. 113 WG, DCANG DSN 857–4190/91, UHF 234.8 located east side ADW. No tran maintenance avbl.

COMMUNICATIONS: D–ATIS 113.1 251.05 **PTD** 139.3 372.2

Ⓡ **POTOMAC APP CON** 124.0 269.0

Ⓡ **POTOMAC DEP CON** 125.65 391.1

TOWER 118.4 349.0 **GND CON** 121.8 275.8 **CLNC DEL** 127.55 285.475

ANDREWS COMD POST 141.55 378.1 **PMSV METRO** 344.6 Wx opr 24 hrs from Mon 1100Z‡ through Sat 0100Z‡, Sat, Sun, and holidays 1100–0100Z‡. Afld wx monitored by AN/FMQ–19 ASOS, augmented by human observation when required during operating hours. ATC will relay twr prevailing visibility RCR/RSC and VIRGA remarks to acft. Supported by 15th Opr Wx Squadron C618–256–9755. **AFRC OPS** 143.8 351.2 **A/G** See Global HF Systems list in FIH.

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE ADW.

(L) VORTACW 113.1 ADW Chan 78 N38°48.43′ W76°51.97′ at fld. 260/10W.

VOR portion unusable:

099°–182° byd 9 NM blo 3,500′
099°–182° byd 15 NM blo 6,500′
099°–182° byd 30 NM blo 11,500′
183°–227° byd 10 NM blo 2,500′
183°–227° byd 18 NM blo 4,000′
230°–236° byd 20 NM
237°–270°
330°–048°

TACAN azimuth unusable:

220°–280°

VORTAC unusable:

035°–045° blo 2500′.

KIRBE NDB (LOM) 360 RW N38°42.05′ W76°52.21′ 011° 6.6 NM to fld.

ILS 111.5 I–RWS Rwy 01L. LOM KIRBE NDB.

ILS 110.5 I–VJM Rwy 01R.

ILS 110.5 I–GQZ Rwy 19L.

ILS 111.5 I–MXK Rwy 19R.

ASR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. Surveillance apch avbl for all rwys and are only authorized between 1300–0100Z‡.

ANNAPOLIS

LEE (ANP) 5 SW UTC−5(−4DT) N38°56.57′ W76°34.10′ **WASHINGTON**

34 B S4 **FUEL** 100LL TPA 1034(1000) NOTAM FILE DCA **COPTER**

RWY 12–30: H2500X48 (ASPH) LIRL **L–29E, 34F, 36I, A**

RWY 12: APAP(PNIL)—GA 5.75° TCH 20′. Thld dsplcd 476′. Trees. **IAP**

RWY 30: APAP(PNIR)—GA 4.25° TCH 16′. Thld dsplcd 321′. Building.

AIRPORT REMARKS: Attended. Mon–Fri 1200–2200Z‡, Sat–Sun 1300–2200Z‡. Arpt CLOSED after 0300Z‡. Arpt unattended New Years Day; Memorial Day; July 4; Labor Day; Thanksgiving and Christmas. Rwy 12–30 extremely slippery when wet. Rwy 12–30 minor pavement cracks full length. No tkf after 0300Z‡ daily. Touch and go opr prohibited. VASI apchs to be flown. No ldg on grass. No grass crossover from Rwy 12–30 to twy, roll out to end of rwy. Twy clsd north of Rwy 30 adjacent to PAPI indef. ACTIVATE LIRL Rwy 12–30—CTAF 0300–1200Z‡. Ldg fee after one hr or overnight.

WEATHER DATA SOURCES: AWOS–3 122.9 (617) 262–3825. OTS indef.

COMMUNICATIONS: CTAF 122.9

POTOMAC APP/DEP CON 119.7

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BALTIMORE (L) VORTAC 115.1 BAL Chan 98 N39°10.26′ W76°39.68′ 173° 14.4 NM to fld. 140/11W.

ANNE ARUNDEL N39°05.04′ W76°45.60′ NOTAM FILE DCA. **WASHINGTON**

NDB (MHW) 260 BUH at Tipton. Unusable byd 15 NM. SHUTDOWN. **COPTER**

L–29E, 34F, 36I, A

BALTIMORE N39°10.26′ W76°39.68′ NOTAM FILE BWI. **WASHINGTON**

(L) VORTAC 115.1 BAL Chan 98 at Baltimore/Washington Intl. Thurgood Marshall. 140/11W. **COPTER**

DME unusable 154° byd 15 NM, 300°–349° byd 35 NM. **H–10H, L–29E, 34F, 36I, A**

RCO 122.2 122.1R 115.1T (LEESBURG RADIO)

CONTINUED FROM PRECEDING PAGE

AFRC AFRC ramp PPR call DSN 857–5556 24 hrs prior notice required. Arrival/Departure must occur during normal duty hrs Mon–Fri 1300–2100Z‡. Ctc AFRC Comd Post 30 minutes prior to ldg. Tran maintenance limited. All acft will hold on Twy E prior to entering parking ramp C240–857–5556. **MISC NAVY** Enter Navy ramp at north entrance, Twy E–3. **ANG** PPR for servicing and use of parking ramps. NoAvgas or reciprocating engine oil avbl, limited maintenance. Ctc 201 OPS DSN 857–7161/62, UHF 314.25; located west side of airfield. 113 WG, DCANG DSN 857–4190/91, UHF 234.8 located east side ADW. No tran maintenance avbl.

COMMUNICATIONS: D–ATIS 113.1 251.05 **PTD** 139.3 372.2

Ⓡ **POTOMAC APP CON** 124.0 269.0

Ⓡ **POTOMAC DEP CON** 125.65 391.1

TOWER 118.4 349.0 **GND CON** 121.8 275.8 **CLNC DEL** 127.55 285.475

ANDREWS COMD POST 141.55 378.1 **PMSV METRO** 344.6 Wx opr 24 hrs from Mon 1100Z‡ through Sat 0100Z‡, Sat, Sun, and holidays 1100–0100Z‡. Afld wx monitored by AN/FMQ–19 ASOS, augmented by human observation when required during operating hours. ATC will relay twr prevailing visibility RCR/RSC and VIRGA remarks to acft. Supported by 15th Opr Wx Squadron C618–256–9755. **AFRC OPS** 143.8 351.2 **A/G** See Global HF Systems list in FIH.

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE ADW.

(L) VORTACW 113.1 ADW Chan 78 N38°48.43′ W76°51.97′ at fld. 260/10W.

VOR portion unusable:

099°–182° byd 9 NM blo 3,500′
099°–182° byd 15 NM blo 6,500′
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183°–227° byd 10 NM blo 2,500′
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230°–236° byd 20 NM
237°–270°
330°–048°

TACAN azimuth unusable:

220°–280°

VORTAC unusable:

035°–045° blo 2500′.

KIRBE NDB (LOM) 360 RW N38°42.05′ W76°52.21′ 011° 6.6 NM to fld.

ILS 111.5 I–RWS Rwy 01L. LOM KIRBE NDB.

ILS 110.5 I–VJM Rwy 01R.

ILS 110.5 I–GQZ Rwy 19L.

ILS 111.5 I–MXK Rwy 19R.

ASR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. Surveillance apch avbl for all rwys and are only authorized between 1300–0100Z‡.

ANNAPOLIS

LEE (ANP) 5 SW UTC−5(−4DT) N38°56.57′ W76°34.10′ **WASHINGTON**

34 B S4 **FUEL** 100LL TPA 1034(1000) NOTAM FILE DCA **COPTER**

RWY 12–30: H2500X48 (ASPH) LIRL **L–29E, 34F, 36I, A**

RWY 12: APAP(PNIL)—GA 5.75° TCH 20′. Thld dsplcd 476′. Trees. **IAP**

RWY 30: APAP(PNIR)—GA 4.25° TCH 16′. Thld dsplcd 321′. Building.

AIRPORT REMARKS: Attended. Mon–Fri 1200–2200Z‡, Sat–Sun 1300–2200Z‡. Arpt CLOSED after 0300Z‡. Arpt unattended New Years Day; Memorial Day; July 4; Labor Day; Thanksgiving and Christmas. Rwy 12–30 extremely slippery when wet. Rwy 12–30 minor pavement cracks full length. No tkf after 0300Z‡ daily. Touch and go opr prohibited. VASI apchs to be flown. No ldg on grass. No grass crossover from Rwy 12–30 to twy, roll out to end of rwy. Twy clsd north of Rwy 30 adjacent to PAPI indef. ACTIVATE LIRL Rwy 12–30—CTAF 0300–1200Z‡. Ldg fee after one hr or overnight.

WEATHER DATA SOURCES: AWOS–3 122.9 (617) 262–3825. OTS indef.

COMMUNICATIONS: CTAF 122.9

POTOMAC APP/DEP CON 119.7

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BALTIMORE (L) VORTAC 115.1 BAL Chan 98 N39°10.26′ W76°39.68′ 173° 14.4 NM to fld. 140/11W.

ANNE ARUNDEL N39°05.04′ W76°45.60′ NOTAM FILE DCA. **WASHINGTON**

NDB (MHW) 260 BUH at Tipton. Unusable byd 15 NM. SHUTDOWN. **COPTER**

L–29E, 34F, 36I, A

BALTIMORE N39°10.26′ W76°39.68′ NOTAM FILE BWI. **WASHINGTON**

(L) VORTAC 115.1 BAL Chan 98 at Baltimore/Washington Intl. Thurgood Marshall. 140/11W. **COPTER**

DME unusable 154° byd 15 NM, 300°–349° byd 35 NM. **H–10H, L–29E, 34F, 36I, A**

RCO 122.2 122.1R 115.1T (LEESBURG RADIO)

BALTIMORE

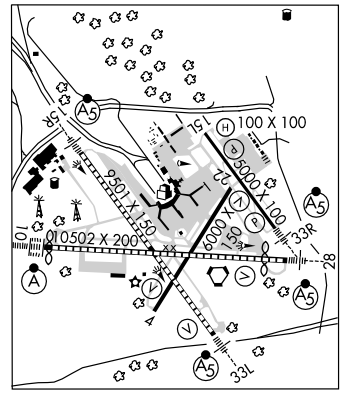
BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI) 9 S UTC−5(−4DT) **WASHINGTON COPTER**
N39°10.52′ W76°40.10′ **H–10H, 12I, L–29E, 34F, 36I, A**
146 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index D **IAP, AD**
NOTAM FILE BWI

RWY 10–28: H10502X200 (ASPH–GRVD) S–100, D–220, ST–175, DT–500, DDT–790 PCN 110 F/A/W/T HIRL CL
RWY 10: ALSF2. TDZL. Thld dsplcd 550′. Tree.
RWY 28: MALSR. VASI(V4L)—GA 3.0°TCH 60′. Thld dsplcd 500′. Tree.

RWY 15R–33L: H9501X150 (ASPH–GRVD) S–100, D–220, ST–175, DT–500, DDT–790 PCN 100 F/A/W/T HIRL CL
RWY 15R: MALSR. Antenna.
RWY 33L: MALSR. TDZL. VASI(V4L)—GA 3.0° TCH 55′. Tower.

RWY 04–22: H6000X150 (ASPH–GRVD) S–100, D–220, ST–175, DT–500, DDT 728 PCN 65 F/A/W/T HIRL
RWY 04: REIL. VASI(V4L)—GA 3.0° TCH 49′. Tree.
RWY 22: REIL. VASI(V4L)—GA 3.0° TCH 47′. Pole.

RWY 15L–33R: H5000X100 (ASPH–GRVD) S–30 D–60
PCN 26 F/A/W/T HIRL
0.5% up NW
RWY 15L: REIL. PAPI(P4L)—GA 3.0° TCH 47′. Pole.
RWY 33R: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 56′. Tree.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 04:	TORA–6000	TODA–6000	ASDA–6000	LDA–6000
RWY 10:	TORA–10502	TODA–11202	ASDA–10502	LDA–9952
RWY 15L:	TORA–5000	TODA–5000	ASDA–5000	LDA–5000
RWY 15R:	TORA–9501	TODA–9501	ASDA–9501	LDA–9501
RWY 22:	TORA–6000	TODA–6000	ASDA–6000	LDA–6000
RWY 28:	TORA–10502	TODA–10502	ASDA–10502	LDA–10002
RWY 33L:	TORA–9501	TODA–9501	ASDA–9501	LDA–9501
RWY 33R:	TORA–5000	TODA–5000	ASDA–5000	LDA–5000

AIRPORT REMARKS: Attended continuously. Rwy 04–22 CLOSED exc for taxi. Rwy 04–22 restrictions apply except for excessive crosswinds; emergencies; or non-availability of other rwys. Deer and birds occasionally on and invof arpt. Major construction on arpt daily. Acft movement and parking areas subject to short notice change/closure. For current information phone BWI ops center 410–859–7018. Noise abatement procedures in effect–restriction for Rwy 15L–33R except for emergencies or mercy flights, ctc arpt management for information. Practice landings and approaches by turbo–powered aircraft prohibited 0300–1100Z‡. Practice landings and takeoffs by B–747 acft prohibited Rwy 15R–33L. Rwy 04–22, Rwy 10–28, Rwy 15L–33R, pavement cond is fair with numerous cracks on all surfaces. No apron parking for unscheduled air carriers. General aviation acft ctc UNICOM prior to arriving at General Aviation ramp for security purposes. Acft parked at gates D–15, 16 encroach Rwy 04–22 7:1 to height of 58 ft. Rwy 15L touchdown rwy visual range avbl. Rwy 33R touchdown rwy visual range avbl. Taxiing prohibited between Gate C16 and adjacent building structure SW of Pier C. Taxi lanes A–1 and H, rstd to Group III acft with max wingspan of 118′. Twy A is restricted to Group IV acft, wingspan 171′ or less. Twy P between Twy P1 and Twy C rstd to wingspans of 171′ or less. Twy S, south of Rwy 22, restricted to acft 60000 lbs and less. Twy E clsd and barricaded between Rwy 10–28 and Twy P indef. Rwy 15L–33R restricted to acft producing less than 90 decibels except for emergencies. Continuous mowing ops adjacent all rwys and twys–Apr through Nov. Distracting lgts (golf driving range) rgt side extended centerline Rwy 33L from apch end rwy to ¼ mile final. Acft on visual apchs expect to maintain 3000 ft until 10 DME from BWI; departure acft should expect turns based on Baltimore DME. Rwy 15R de–ice pad, positions 1, 2 and 3 restricted to acft with wingspan of 135′ or less, position 4 restricted to acft with wingspan of 156′ or less, and position 5 restricted to acft with wingspan 214′ or less. Rwy 28 de–ice pad lane 1 rstd to acft with wingspan 171′ or less, lane 2 rstd to acft with wingspan 135′ or less, lane 3 is used by large acft maximum wingspan 215′ and when in use–lanes 2 and 4 are unavbl. Lanes 4,5 and 6 are rstd to acft wingspan 135′ or less. Concourse A – alternate de–icing area is rstd to B737–800 size aircraft with winglets or smaller on spots 6, 7A, and 8A. B737–700 size aircraft with winglets or smaller are rstd to spots 7B and 8B. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Continuous Power Facilities.

WEATHER DATA SOURCES: ASOS (410) 691–1278. TDWR.

COMMUNICATIONS: D–ATIS 115.1 127.8 **UNICOM** 122.95
BALTIMORE RCO 122.2 122.1R 115.1T (LEESBURG RADIO)
Ⓡ **POTOMAC APP CON** 119.0 (020°–100°) 124.55 (101°–130°) 119.7 (131°–180°) 128.7 (181°–019°) 126.75
POTOMAC DEP CON 126.75
BALTIMORE TOWER 119.4 **GND CON** 121.9 **CLNC DEL** 118.05

AIRSPACE: CLASS B See VFR Terminal Area Chart.

CONTINUED ON NEXT PAGE

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RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.
(L) VORTAC 115.1 BAL Chan 98 N39°10.26′ W76°39.68′ at fld. 140/11W.
TACAN unusable 300°–349° byd 35 NM
DME unusable 133°–155° byd 36 NM
VORTAC unusable 133°–155° byd 20 NM blo 10,000′.
ELLICOTT NDB (MHW) 371 FND N39°17.24′ W76°46.62′ 154° 8.4 NM to fld.
Unusable 140°–320° byd 12 NM blo 10,500′.
ILS 109.7 I–BAL Rwy 10. Class IIIE.
ILS 111.95 I–UQC Rwy 15L. Class IA
ILS 111.7 I–FND Rwy 15R. Class IA.
ILS 109.7 I–OEH Rwy 28. Class IA.
ILS 111.7 I–RUX Rwy 33L. Class IB.
ILS 111.95 I–BWI Rwy 33R. Class IB. Coupled apchs not authorized blo 700′ MSL. GS unusable 1.2 NM inbound blo 553′.

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HELIPAD H1: H100X100 (ASPH)
HELIPORT REMARKS: H1 helipad located NE of Twy ‘Q’ on general aviation apron.

ESSEX SKYPARK (W48) 3 SE UTC−5(−4DT) N39°15.75′ W76°25.93′ **WASHINGTON**
15 B NOTAM FILE DCA **COPTER**
RWY 16–34: H2084X30 (ASPH) LIRL
RWY 16: APAP(PNIL)—GA 4.5° TCH 19′. Thld dsplcd 185′. Trees. **RWY 34:** APAP(PNIR)—GA 4.5° TCH 20′. Road.
AIRPORT REMARKS: Unattended. No touch and go ldgs. No helicopter ops. ACTIVATE LIRL Rwy 16–34–CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.7

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WATERWAY 16–34: 3000X300 (WATER)

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RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

(L) VORTAC 115.1 BAL Chan 98 N39°10.26′ W76°39.68′ at fld. 140/11W.
TACAN unusable 300°–349° byd 35 NM
DME unusable 133°–155° byd 36 NM
VORTAC unusable 133°–155° byd 20 NM blo 10,000′.

ELLICOTT NDB (MHW) 371 FND N39°17.24′ W76°46.62′ 154° 8.4 NM to fld.
Unusable 140°–320° byd 12 NM blo 10,500′.

ILS 109.7 I–BAL Rwy 10. Class IIIE.
ILS 111.95 I–UQC Rwy 15L. Class IA
ILS 111.7 I–FND Rwy 15R. Class IA.
ILS 109.7 I–OEH Rwy 28. Class IA.
ILS 111.7 I–RUX Rwy 33L. Class IB.
ILS 111.95 I–BWI Rwy 33R. Class IB. Coupled apchs not authorized blo 700′ MSL. GS unusable 1.2 NM inbound blo 553′.

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HELIPAD H1: H100X100 (ASPH)
HELIPORT REMARKS: H1 helipad located NE of Twy ‘Q’ on general aviation apron.

ESSEX SKYPARK (W48) 3 SE UTC−5(−4DT) N39°15.75′ W76°25.93′ — WASHINGTON COPTER

15 B NOTAM FILE DCA

RWY 16–34: H2084X30 (ASPH) LIRL
RWY 16: APAP(PNIL)—GA 4.5° TCH 19′. Thld dsplcd 185′. Trees. **RWY 34:** APAP(PNIR)—GA 4.5° TCH 20′. Road.

AIRPORT REMARKS: Unattended. No touch and go ldgs. No helicopter ops. ACTIVATE LIRL Rwy 16–34–CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.7

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WATERWAY 16–34: 3000X300 (WATER)

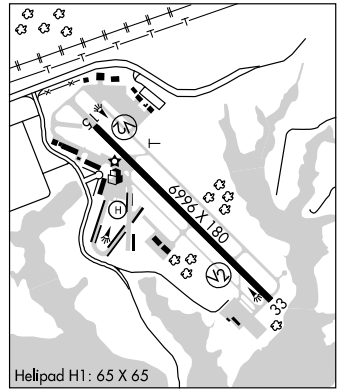
MARTIN STATE (MTN)(KMTN)(ANG) 9 E UTC−5(−4DT) N39°19.54′ W76°24.83′ **WASHINGTON COPTER**

21 B S2 **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE MTN **H–10H, 12I, L–29E, 34F, 36J, A IAP, AD**

RWY 15–33: H6996X180 (ASPH–GRVD) S–65, D–82, ST–175, DT–140 HIRL

RWY 15: REIL. PVASI(PSIL)—GA 4.0° TCH 37′. P-line.

RWY 33: REIL. PVASI(PSIL)—GA 2.9° TCH 44′. Trees.



MILITARY SERVICE: FUEL J8 (NC–100LL, A) **TRAN ALERT** Minimum tran maintenance and parking avbl during normal duty hr and Unit Training Assemblies. No fleet svc avbl.

AIRPORT REMARKS: Attended 1100–0400Z‡. CAUTION: Seagulls on and invof arpt. Noise abatement procedures in effect. When twr closed no practice landings or approaches. PPR for practice tkf and ldg for acft weighing more than 12,500 lbs. TPA reciprocating engine acft 999(978); turbo prop and civil jet acft 1499(1478), military jet acft 1999(1978). Airport conditions unmonitored 0400–1100Z‡. Helipad 800 ft left of AER 33. Mowing ops conducted Apr–Sep 1330–2130Z‡. For additional information ctc arpt manager 410–682–8800. Rwy 15 PVASI unusable byd 5° right of course. Rwy 33 PVASI unusable byd 5° left of course and unusable byd 8° right of course. When twr closed ACTIVATE HIRL Rwy 15–33, REIL Rwy 15 and Rwy 33—CTAF. When twr clsd ACTIVATE Twy F lgts—UNICOM.

MILITARY REMARKS: RSTD No practice apch or ldg 0300–1100Z‡. 8100′ avbl for tkf Rwy 15 and ldg Rwy 33 for mil acft only. PPR for practice tkf and ldg for acft weighing more than 12,500 lb. **CAUTION** BASH II in effect Aug–Dec. **TFC PAT** TPA—C–130/Jet 1500(1478), A–10 2000 (1978). **ANG** PPR for servicing and use of ANG parking ramp only, DSN 243–6375/6376, C410–918–6375/6376. Duty hr Tue–Fri 1130–2200Z‡. If destination is ANG, indicate in flight plan remark. Call Comd Post/Dispatch 20 minutes prior to ldg. Space avbl passenger require security screening in accordance with MAJCOM direct. For space avbl information, please contact DSN 243–6511, C410–918–6511.

WEATHER DATA SOURCES: AWOS–3 124.925 C410–682–8848

COMMUNICATIONS: CTAF 121.3 **ATIS** 124.925 **UNICOM** 122.95

Ⓡ **POTOMAC APP/DEP CON** 119.0 282.275 **POTOMAC CLNC DEL** 121.8 (When Martin tower clsd)

TOWER 121.3 297.2 (1100–0300Z‡) **GND CON** 121.8 253.4

175 FG COMD POST (A10) (RAVEN OPS) 347.2 (C130) (CRAB OPS) 384.1

AIRSPACE: CLASS D svc 1100–0300Z‡ other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

BALTIMORE (L) VORTAC 115.1 BAL Chan 98 N39°10.26′ W76°39.68′ 062° 14.8 NM to fld. 140/11W.

ILS/DME 110.7 I–BQG Chan 44 Rwy 15. LOC only. Localizer offset. DME also serves Rwy 33. ILS unmonitored when twr clsd.

ILS/DME 110.7 I–MTN Chan 44 Rwy 33. DME also serves Rwy 15. ILS unmonitored when twr clsd.

HELIPAD H1: H65X65 (CONC)

HELIPORT REMARKS: Perimeter lgts.

PIER 7 (4MD) 3 SE UTC−5(−4DT) N39°16.33′ W76°34.30′ **WASHINGTON COPTER**

16 B NOTAM FILE DCA

HELIPAD H1: H45X45 (CONC)

HELIPORT REMARKS: Attended 1400–2300Z‡. Perimeter lgts. ACTIVATE perimeter lighting—123.075.

COMMUNICATIONS: CTAF 123.025

BAY BRIDGE (See STEVENSVILLE)

BENNETT (See SALISBURY)

CAMBRIDGE–DORCHESTER (CGE) 3 SE UTC−5(−4DT) N38°32.36′ W76°01.82′ **WASHINGTON L–34F, 36I, A IAP**

20 B S4 **FUEL** 100LL, JET A NOTAM FILE DCA

RWY 16–34: H4477X75 (ASPH–GRVD) S–14 MIRL

RWY 16: REIL. PAPI(P2L)—GA 3.5°TCH 46′. Trees.

RWY 34: REIL. PAPI(P2L)—GA 3.25°TCH 35′. Railroad.

AIRPORT REMARKS: Attended 1300–2200Z‡. CLOSED Thanksgiving and Christmas. ACTIVATE MIRL Rwy 16–34, REIL and PAPI Rwy 16 and Rwy 34—121.9.

WEATHER DATA SOURCES: AWOS–3 120.675 (410) 228–7559.

COMMUNICATIONS: CTAF/UNICOM 122.7

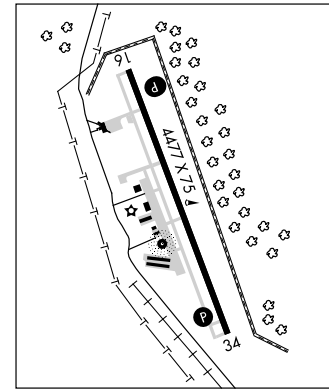
Ⓡ **PATUXENT APP/DEP CON** 121.0 (Mon–Fri 1200–0400Z‡, Sat–Sun 1300–2300Z‡, clsd holidays)

Ⓡ **WASHINGTON CENTER APP/DEP CON** 133.9 (Mon–Fri 0400–1200Z‡, Sat–Sun 2300–1300Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

PATUXENT (L) VORTAC 117.6 PXT Chan 123 N38°17.27′ W76°24.01′ 059° 23.1 NM to fld. 20/10W.

NDB (MHW) 355 CGE N38°32.23′ W76°01.83′ at fld.



CARROLL CO RGNL/JACK B POAGE FLD (See WESTMINSTER)

CECIL CO (See ELKTON)

CHURCHVILLE

HARFORD CO (ØW3) 3 E UTC−5(−4DT) N39°34.01′ W76°12.15′ **WASHINGTON L–29E, 34F, 36J, A IAP**

409 B S4 **FUEL** 100LL NOTAM FILE DCA

RWY 10–28: H2000X40 (ASPH) LIRL (NSTD) 1.4% up W

RWY 10: REIL. **RWY 28:** REIL. Thld dsplcd 100′. Trees.

RWY 01–19: 2000X75 (TURF) 0.5% up S

RWY 19: Trees.

RWY 14–32: 1600X75 (TURF)

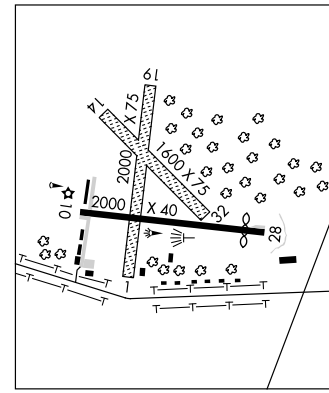
AIRPORT REMARKS: Attended 1300Z‡–dusk. Rwy 01–19 CLOSED Nov 15–Apr 30 except PPR call 410–836–2828. Extensive glider ops on turf ldg area. Birds/wildlife on and invof arpt. Glider activity on and invof arpt. Rwy 10–28 NSTD LIRL, no dsplcd thld lgts. Arpt lgts opr dusk–0600Z‡. Rwy 01–19 ends marked with barrels.

COMMUNICATIONS: CTAF/UNICOM 122.8

POTOMAC APP/DEP CON 125.525

RADIO AIDS TO NAVIGATION: NOTAM FILE ILG.

DUPONT (L) VORTAC 114.0 DQO Chan 87 N39°40.69′ W75°36.42′ 267° 28.4 NM to fld. 70/10W.



CLEARVIEW AIRPARK (See WESTMINSTER)

CLINTON

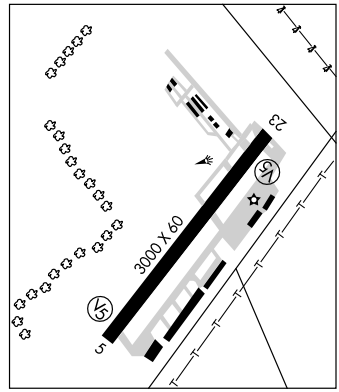
WASHINGTON EXECUTIVE/HYDE FLD (W32) 2 SW UTC−5(−4DT) N38°44.90′ W76°55.97′ **WASHINGTON COPTER**
249 B S4 **FUEL** 100LL, JET A TPA—1049(800) NOTAM FILE DCA **L–29E, 34F, 36I, A IAP**

RWY 05–23: H3000X60 (ASPH) LIRL
RWY 05: REIL. APAP(PNIL)—GA 3.5° TCH 19′. Trees.
RWY 23: APAP(PNIL)—GA 4.0° TCH 43′. Trees.

AIRPORT REMARKS: Attended Mon–Fri 1100–0100Z‡, Sat–Sun 1300–2300Z‡. Self serve credit card fueling avbl 24 hrs. Compliance with SFAR 94 is rqr before pilots may opr to/from this arpt. Rwy 05–23—no line of sight between rwy ends. Birds and wildlife on and invof arpt. Rwy 05–23 have soft shoulders, acft remain on hard surface. Soft shoulders all taxiways. No practice tkf/ldg 0300–1200Z‡. Rgt tfc pattern for helicopters—849(600) pattern altitude. UNICOM unmonitored.

COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **POTOMAC APP/DEP CON** 124.7

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
WASHINGTON (L) VORW/DME 111.0 DCA Chan 47 N38°51.57′ W77°02.19′ 153° 8.3 NM to fld. 9/09W.



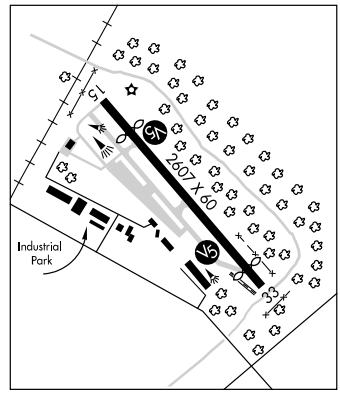
COLLEGE PARK (CGS) 1 E UTC−5(−4DT) N38°58.84′ W76°55.34′ **WASHINGTON COPTER**
48 B **FUEL** 100LL TPA—1048(1000) NOTAM FILE CGS **L–29E, 34F, 36I, A IAP**

RWY 15–33: H2607X60 (ASPH) MIRL 0.4% up NW
RWY 15: REIL. APAP(PNIL)—GA 5.0°TCH 40′. Thld dsplcd 416′. Trees.
RWY 33: REIL. APAP(PNIL)—GA 5.0° TCH 36′. Thld dsplcd 201′. Trees.

AIRPORT REMARKS: Attended 1200–0300Z‡. Deer on and invof arpt ngts. Compliance with SFAR 94 is rqr before pilots may opr to/from this arpt. Two cranes 233′ AGL 1 NM NW of AER 15 unlighted. AER 15 heavy smoke and firefighting training ops intermittently in progress. No student touch and go ldg or solo ops permitted. MIRL Rwy 15–33; APAP Rwys 15 and 33; REIL Rwys 15 and 33 opr med ints only dusk–0300Z‡; after 0300Z‡ ACTIVATE—CTAF (Med ints only). Category 1 acft only; no acft over 8500 lbs manufacturer gross weight; helicopters only with 24 hr PPR—call arpt manager 301–864–5844. No tkfs 0300–1200Z‡; ldg only. Noise abatement procedures in effect ctc arpt manager 301–864–5844. Rwy 33 VASI OTS indef.

WEATHER DATA SOURCES: AWOS–3 121.225 (301) 864–5497.
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **POTOMAC APP/DEP CON** 119.85

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.
BALTIMORE (L) VORTAC 115.1 BAL Chan 98 N39°10.26′ W76°39.68′ 238° 16.7 NM to fld. 140/11W.



CRISFIELD MUNI (W41) 3 NE UTC−5(−4DT) N38°01.06′ W75°49.67′ **WASHINGTON**
4 B **FUEL** 100LL NOTAM FILE DCA **L–34F, 36I IAP**

RWY 06–24: 3280X120 (TURF)
RWY 06: Thld dsplcd 1167′. Trees. **RWY 24:** Trees.
RWY 14–32: H2490X75 (ASPH) S–12 MIRL
RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 39′. **RWY 32:** REIL. PAPI(P2L)—GA 3.25°. TCH 33′. Trees.

AIRPORT REMARKS: Attended 1330–2130Z‡. Birds and wildlife on and invof arpt. ACTIVATE MIRL Rwy 14–32, REIL Rwys 14 and 32—CTAF. Turf areas of arpt may be soft. Rwy 06–24 ends and edges marked with cones, Rwy 06 dsplcd thld marked with 3 cones each side.

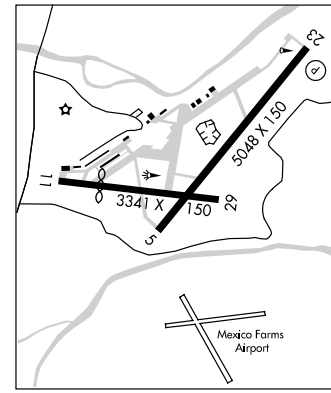
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PATUXENT APP/DEP CON** 127.95 (Mon–Fri 1200–0400Z‡, Sat–Sun 1300–2300Z‡, clsd holidays)
WASHINGTON CENTER APP/DEP 132.55 (Mon–Fri 0400–1200Z‡, Sat–Sun 2300–1300Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
SNOW HILL (L) VORTAC 112.4 SWL Chan 71 N38°03.40′ W75°27.84 ′ 270° 17.4 NM to fld. 40/08W.

CUMBERLAND N39°38.89′ W78°44.83′ NOTAM FILE EKN. WASHINGTON
NDB (MHW) 317 CBE 206° 2.1 NM to Greater Cumberland Rgnl. L–29D

CUMBERLAND

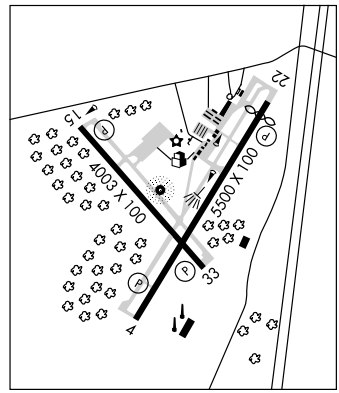
GREATER CUMBERLAND RGNL (CBE) 2 S UTC−5(−4DT) N39°36.92′ W78°45.71′ WASHINGTON
775 B S4 **FUEL** 100LL, JET A OX 1,2,3,4 TPA—1799(1024) NOTAM FILE EKN H–10H, 12I, L–29D
RWY 05–23: H5048X150 (ASPH–GRVD) S–38, D–52 HIRL 1.1% up NE IAP
RWY 05: Trees. Rgt tfc.
RWY 23: REIL. PAPI(P4L)–GA 3.0°. TCH 35′. Trees.
RWY 11–29: H3341X150 (ASPH) S–12 LIRL
RWY 11: Thld dsplcd 899′. Hill.
AIRPORT REMARKS: Attended 1130–0100Z‡. Bottle oxygen avbl from 1130–2000Z‡ Mon–Fri by prior arrangement–call 304–738–0002 ext 11. Bulk oxygen avbl from 1130–2000Z‡ Mon–Fri by prior arrangement–call 304–738–0002 ext 11. Glider ops W of arpt use Rwy 11 for dep; Rwy 29 for arrival. Rwy 05 apch has rapidly rising terrain 696′ left, 2000′ from thld. Rwy 11 ngt ops and any ldgs not recommended due to high terrain. Deer /birds on and invof arpt. Numerous areas along Rwy 05–23 and Rwy 11–29 with grass growth from pavement cracks. Rwy 23 REIL OTS indef. ACTIVATE HIRL Rwy 05–23, LIRL Rwy 11–29, REIL Rwy 23 and twy lgts—CTAF. Rotating bcn located off arpt. Rwy 23 900 ft twy aligned with rwy west end.
WEATHER DATA SOURCES: AWOS–3 128.625 (304) 738–0451. Temperature and dewpoint not avbl.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.35 (ELKINS RADIO)
CLEVELAND CENTER APP/DEP CON 124.4
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
GRANTSVILLE (L) VOR/DME 112.3 GRV Chan 70 N39°38.10′ W79°03.03′ 101° 13.4 NM to fld. 2640/06W.
CUMBERLAND NDB (MHW) 317 CBE N39°38.89′ W78°44.83′ 206° 2.1 NM to fld.
ILS/DME 110.5 I–CBE Chan 42 Rwy 23. LOC only. DME unusable byd 22 degrees left side of course byd 10 NM blo 3500 ft.



MEXICO FARMS (1W3) 3 S UTC−5(−4DT) N39°36.32′ W78°45.65′. WASHINGTON
607 TPA—1407(800) NOTAM FILE EKN
RWY 16–34: 2100X195 (TURF)
RWY 16: Brush. **RWY 34:** Thld dsplcd 800′. Tree.
RWY 09–27: 2120X190 (TURF) LIRL
RWY 09: Trees. Rgt tfc. **RWY 27:** Thld dsplcd 340′. Trees.
AIRPORT REMARKS: Unattended. Rwy 16–34 CLOSED indef. Ultralight activity on and invof arpt. Wildlife on and invof arpt. Rising terrain 4500 ft west of arpt. Rwy 09–27, and 16–34 may be soft. Rwy 27 dsplcd thld marked with cones on both sides. ACTIVATE LIRL Rwy 09–27—122.7.
COMMUNICATIONS: CTAF/UNICOM 122.8

DAVIS (See LAYTONSVILLE)

EASTON/NEWNAM FLD (ESN) 2 N UTC−5(−4DT) N38°48.25′ W76°04.14′ **WASHINGTON**
72 B S4 **FUEL** 100LL, JET A OX 4 TPA—See Remarks NOTAM FILE ESN **H–10I, 12I, L–34F, 36I, A**
RWY 04–22: H5500X100 (ASPH–GRVD) S–40, D–60, DT–100 MIRL 0.7% up NE **IAP, AD**
RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 43′. Trees.
RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Thld dsplcd 325′. Pole. Rgt tfc.
RWY 15–33: H4003X100 (ASPH) S–40, D–60, DT–100 MIRL 0.5% up SE
RWY 15: REIL. PAPI(P2L)—GA 3.5° TCH 45′. Trees.
RWY 33: REIL. PAPI(P2L)—GA 3.5° TCH 45′. Trees. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–5175 TODA–5500 ASDA–4775 LDA–4775
RWY 22: TORA–5500 TODA–5500 ASDA–5500 LDA–5175
AIRPORT REMARKS: Attended 1300–dusk. Deer, birds and other wildlife on and invof arpt. Noise abatement; Dep Rwy 22 avoid overflight of town of Easton, Dep Rwy 04 left turn at end of rwy to parallel Hwy 50 until past trailer park. TPA for jet acft 1598(1526), all other acft 1098(1026). Rwy 15–33 distance markers every 1000′ west side of rwy. When twr clsd ACTIVATE MIRL Rwy 15–33 and HIRL Rwy 04–22 and REIL Rwy 04, Rwy 22, Rwy 15, and Rwy 33—CTAF. NOTE: See Special Notices—Easton, Maryland Noise Abatement Procedure.



WEATHER DATA SOURCES: AWOS–3 124.475 (410) 822–2817.
COMMUNICATIONS: CTAF 118.525 **ATIS** 124.475 **UNICOM** 122.95
Ⓡ **POTOMAC APP/DEP CON** 124.55 **POTOMAC CLNC DEL** 126.9 When twr clsd.
TOWER 118.525 (1100–0300Z‡.) **GND CON** 119.075 **CLNC DEL** 119.075
AIRSPACE: CLASS D svc (1100–0300Z‡) other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
PATUXENT (L) VORTAC 117.6 PXT Chan 123 N38°17.27′ W76°24.01′ 037° 34.7 NM to fld 20/10W.
NDB (MHW) 212 ESN N38°48.29′ W76°04.16′ at fld.
ILS/DME 109.35 I–FGH Chan 30Y Rwy 04.

ELDERSBURG

HOBY WOLF (1W5) 1E UTC−5(−4DT) N39°24.48′ W76°55.65′ **WASHINGTON**
600 S2 NOTAM FILE DCA **COPTER**
RWY 02–20: 2000X60 (TURF)
RWY 02: Trees. **RWY 20:** Trees.
AIRPORT REMARKS: Attended continuously. Birds and wildlife on and invof arpt. Unlimited vehicle access to acft movement areas private road crossing Rwy 02 75 ft byd thld. Rwy 02–20 land on Rwy 20 tkf Rwy 02. Rwy 02–20 has up and down slopes with undulations: Ldg–first 535′ has a 3° upslope and next 315′ has 2° downslope, rest of rwy has 4½′ upslope to road.
COMMUNICATIONS: CTAF 122.9

ELKTON

CECIL CO (58M) 3 SW UTC−5(−4DT) N39°34.45′ W75°52.19′ **WASHINGTON**
106 B S4 **FUEL** 100LL, JET A NOTAM FILE DCA **L–34G, A**
RWY 13–31: H2987X70 (ASPH) MIRL 1.5% up NW **IAP**
RWY 13: REIL. PAPI(P2R)—GA 5.0° TCH 6′. Thld dsplcd 288′. Trees.
RWY 31: REIL. PAPI(P2L)—GA 4.0° TCH 6′. Thld dsplcd 602′. Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. CAUTION—Deer and birds on and in vicinity of arpt. PAEW due to major construction on rwy and other locations on the arpt, for more information ctc arpt manager 410–398–8594. Reduced braking action Rwy 13 downhill 1.5°. Calm/light wind use Rwy 31. Rwy 13–31 no touch and go ldgs. ACTIVATE rotating bcn—123.0. ACTIVATE MIRL Rwy 13–31 and REIL Rwys 13 and 31 and PAPI Rwy 31—123.0.
COMMUNICATIONS: CTAF/UNICOM 122.8
PHILADELPHIA APP/DEP CON 118.35
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SMYRNA (L) VORTAC 111.4 ENO Chan 51 N39°13.90′ W75°30.96′ 330° 26.3 NM to fld. 10/09W.

ELLICOTT N39°17.24′ W76°46.62′ NOTAM FILE BWI. **WASHINGTON**
NDB (MHW) 371 FND 154° 8.4 NM to Baltimore/Washington Intl. Thurgood Marshall. **COPTER**
Unusable 140°–320° byd 12 NM blo 10,500′ **L–29E, 34F, 36I, A**

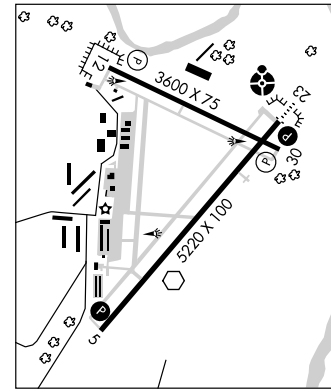
ESSEX SKYPARK (See BALTIMORE)

FALLSTON (W42) 1 S UTC−5(−4DT) N39°30.08′ W76°24.68′ **WASHINGTON COPTER**
460 **FUEL** 100LL NOTAM FILE DCA
RWY 04–22: H2200X50 (ASPH) S–12 LIRL(NSTD)
RWY 04: Trees. **RWY 22:** Trees.
AIRPORT REMARKS: Attended 1400Z‡–dusk. Arpt unattended Thanksgiving and Christmas. Arpt CLOSED dusk–1400Z‡. Deer and wildlife on and invof arpt. Rwy 04–22 NSTD LIRL only one thld lgt each side. NSTD LIRL avbl to based acft with prior notice. For NSTD LIRL Rwy 04–22 ctc arpt manager 410–877–9889.
COMMUNICATIONS: CTAF 122.9

FORT MEADE (ODENTON)

TIPTON (FME) 1 SW UTC−5(−4DT) N39°05.12′ W76°45.57′ **WASHINGTON COPTER**
150 B S8 **FUEL** 100LL, JET A TPA—1000(850) NOTAM FILE FME Not insp.
RWY 10–28: H3000X75 (ASPH) MIRL 1.2% up E **L–29E, 34F, 36I, A IAP**
RWY 10: REIL. PAPI(P2L)—GA 4.0° TCH 51′. Rgt tfc. Trees.
RWY 28: REIL. PAPI (P2L)—GA 4.0° TCH 57′. Trees.
AIRPORT REMARKS: Attended Mon–Fri 1330–2300Z‡, Sat–Sun 1400–2300Z‡. Deer on rwys and twys. Be alert for numerous BWI turbojet arrivals/departures in the area. Fly tfc pattern south of the fld to avoid BWI Class B Airspace. Remain clear of BWI Class B Airspace until clnc is obtained. PAEW adjacent all twys and Rwy 10–28 indef. PAPI Rwy 10 unusable 8° left and right of course. Rwy 28 PAPI unusable 5° left (trees) and 8° right of course. ACTIVATE MIRL Rwy 10–28—CTAF.
WEATHER DATA SOURCES: AWOS–3 123.925
COMMUNICATIONS: CTAF/UNICOM 123.05
POTOMAC APP/DEP CON 119.7
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
BALTIMORE (L) VORTAC 115.1 BAL Chan 98 N39°10.26′ W76°39.68′ 233° 6.9 NM to fld. 140/11W.
ANNE ARUNDEL NDB (MHW) 260 BUH N39°05.04′ W76°45.60′ at fld. SHUTDOWN.

FREDERICK MUNI (FDK) 0 E UTC−5(−4DT) N39°25.06′ W77°22.46′ **WASHINGTON**
303 B S4 **FUEL** 100LL, JET A OX 3, 4 TPA—See Remarks NOTAM FILE FDK **H–10H, 12I, L–29E, 34F, A IAP, AD**
RWY 05–23: H5220X100 (ASPH–GRVD) S–60 HIRL 0.4% up SW
RWY 05: REIL. PAPI(P4L). Bldg. Rgt tfc.
RWY 23: REIL. ODALS. PAPI(P4L). Trees.
RWY 12–30: H3600X75 (ASPH) MIRL 0.4% up NW
RWY 12: REIL. PAPI(P2L)—GA 3.0° TCH 43′. Trees. Rgt tfc.
RWY 30: REIL. PAPI(P2L)—GA 4.0° TCH 36′. Trees.
AIRPORT REMARKS: Attended 1130–0200Z‡. Arpt unattended Christmas Day. −15′ depression AER 23 246′ left of centerline parallel to rwy 400′ long. During winter months rwys may be CLOSED individually for snow plowing. All non–radio acft operating invof arpt recommended to use a hand–held transceiver and follow standard CTAF ops procedures. Glider ops from paved rwys daily 1300Z‡–dusk. TPA 1303(1000) single and lgt twins; 1803 (1500) large twins. ACTIVATE HIRL Rwy 05–23, MIRL Rwy 12–30, REIL Rwy 05, Rwy 23, Rwy 12, and Rwy 30, ODALS Rwy 23, and PAPI Rwy 05 and Rwy 23—CTAF.

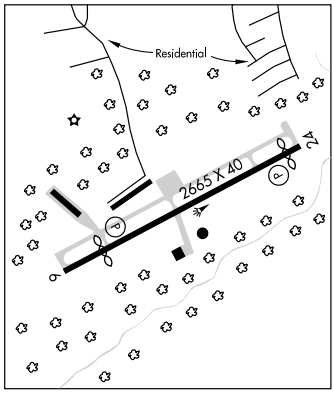


WEATHER DATA SOURCES: AWOS–3 124.875 (301) 600–1457.
COMMUNICATIONS: CTAF/UNICOM 122.725
RCO 122.1R 109.0T (LEESBURG RADIO)
Ⓡ **POTOMAC APP/DEP CON** 125.525 **POTOMAC CLNC DEL** 126.9
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
WESTMINSTER (H) VORTAC 117.9 EMI Chan 126 N39°29.70′ W76°58.72′ 264° 19.0 NM to fld. 820/08W. **HIWAS.**
(T) VOR 109.0 FDK N39°24.73′ W77°22.51′ at fld.
ILS 110.3 I–FDK Rwy 23.

FREEWAY (See MITCHELLVILLE)

FRIENDLY

POTOMAC AIRFIELD (VKX) 00 NE UTC−5(−4DT) N38°44.92′ W76°57.36′ **WASHINGTON COPTER**
118 B S4 **FUEL** 100LL NOTAM FILE DCA **L–29E, 34F, 36I, A**
RWY 06–24: H2665X40 (ASPH–AFSC) MIRL 0.3% up NE **IAP**
RWY 06: REIL. PAPI (P2L)—GA 5.0° TCH 38′. Thld dsplcd 385′. Trees.
RWY 24: REIL. PAPI (P2L)—GA 5.5° TCH 49′. Thld dsplcd 84′. Trees. Rgt tfc.

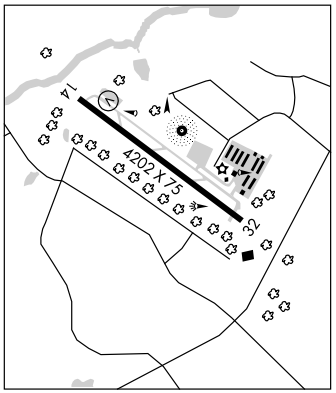


AIRPORT REMARKS: Attended 1200–0300Z‡. Compliance with SFAR 94 is rqr before pilots may opr to/from this arpt. Arpt within Flight Restricted Zone. Expect 24 hr security from police, military and others on the ground and in the air. Unlimited vehicle access to acft movement areas. Noise abatement procedures: avoid takeoff 0300–1200Z‡. Rotating bcn located 1000′ N of arpt. Visitors please tune 122.85 for parking instructions and gnd svcs. ACTIVATE REIL Rwy 06 and Rwy 24—CTAF.
WEATHER DATA SOURCES: AWOS–A 122.8 (617) 262–3825.
COMMUNICATIONS: CTAF/AUNICOM 122.8
Ⓡ **POTOMAC APP/DEP CON** 125.65
RADIO AIDS TO NAVIGATION: NOTAM FILE ADW.
ANDREWS (L) VORTACW 113.1 ADW Chan 78 N38°48.43′ W76°51.98′ 240° 5.5 NM to fld. 260/10W.

GAITHERSBURG N39°10.18′ W77°09.96′ NOTAM FILE DCA. **WASHINGTON**
NDB (MHW) 385 GAI at Montgomery Co Airpark. Unusable 040°–130° byd 20 NM. **L–29E, 34F, 36I, A**

GAITHERSBURG

MONTGOMERY CO AIRPARK (GAI) 3 NE UTC−5(−4DT) N39°10.10′ W77°09.96′ **WASHINGTON**
539 B S6 **FUEL** 100LL, JET A OX 4 TPA—See Remarks NOTAM FILE DCA **L–29E, 34F, 36I, A**
RWY 14–32: H4202X75 (ASPH) MIRL 1.1% up SE **IAP**
RWY 14: REIL. VASI(V4L). Trees.
RWY 32: REIL. Bldg. Rgt tfc.



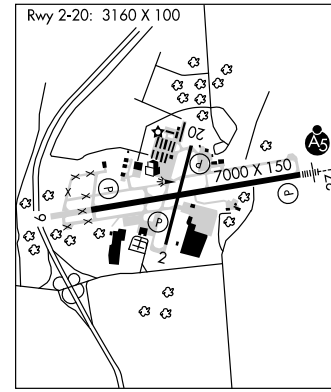
AIRPORT REMARKS: Attended 1300–0100Z‡. Fuel avbl 1300–0100Z‡, request on 122.85. Deer and birds on and invof arpt. Be alert SFRA procedures in effect. Preferred calm wind Rwy 14. Arpt not recommended for acft with wing spans in excess of 79′ and gross weight in excess of 48,000 lbs. 30′ downslope 75′ left and right of centerline at thld to 150′ both sides. South ramp not recommended for acft with wingspan greater than 79′ or weight greater than 40,000 lbs. Noise abatement depart Rwy 32 turn rgt to at least 340°, jets refrain from Rwy 32 tkf between 0400–1200Z‡. Helicopters refrain from air taxi over paved parking ramps. TPA—1539(1000), turbine and jet acft 2039(1500), helicopter 1339(800). ACTIVATE MIRL Rwy 14–32 and REIL Rwy 14 and Rwy 32—CTAF.
WEATHER DATA SOURCES: AWOS–3 128.275 (301) 977–2971.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **POTOMAC APP/DEP CON** 128.7 **POTOMAC CLNC DEL** 121.6
RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.
ARMEL (L) VORTAC 113.5 AML Chan 82 N38°56.08′ W77°28.00′ 053° 19.9 NM to fld. 297/08W.
FREDERICK (T) VOR 109.0 FDK N39°24.73′ W77°22.51′ 154° 17.6 NM to fld. NOTAM FILE DCA.
GAITHERSBURG NDB (MHW) 385 GAI N39°10.18′ W77°09.96′ at fld. NOTAM FILE DCA. Unusable 040°–130° byd 20 NM.

GARRETT CO (See OAKLAND)

GRANTSVILLE N39°38.10′ W79°03.03′ NOTAM FILE EKN. **CINCINNATI**
(L) VOR/DME 112.3 GRV Chan 70 262° 13.8 NM to Garrett Co. 2640/06W. **L–29D**
DME unusable 071°–306° byd 20 NM blo 6000′, 108°–113° byd 38 NM, 307°–070° byd 20NM blo 5000′, 325°–345° bdy 35 NM.
RCO 121.1R 112.3T (ELKINS RADIO)

GREATER CUMBERLAND RGNL (See CUMBERLAND)

HAGERSTOWN RGNL–RICHARD A HENSON FLD (HGR) 4 N UTC−5(−4DT) **WASHINGTON**
N39°42.51′ W77°43.59′ **H–10H, 12I, L–29D, A**
703 B S4 **FUEL** 100LL, JET A, JET A2 OX 1, 2, 3, 4 Class I, ARFF Index B **IAP, AD**
NOTAM FILE HGR



RWY 09–27: H7000X150 (ASPH–GRVD) S–100, D–150, ST–175, DT–250 HIRL 0.3% up E
RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 55′.
RWY 27: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 55′.
RWY 02–20: H3160X100 (ASPH) S–80, D–100, ST–127, DT–170 MIRL 0.4% up N
RWY 02: REIL. PAPI(P2L)—GA 4.0° TCH 51′. Pole.
RWY 20: REIL. PAPI(P2L)—GA 4.0° TCH 33′. Building.
AIRPORT REMARKS: Attended 1000–0300Z‡. Fuel available 1000–0300Z‡; call 301–791–9119. DOD contract fuel avbl. Birds on and invof arpt. Low level military acft 10 NM north on VR708 opr east to west. Ultralgt activity 12 NM east to 5000′ MSL. PPR 24 hours for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 240–313–2777. Index C coverage is provided for scheduled air carrier ops with more than 30 passenger seats. Twys Lima, and Papa are not available for air carrier ops. ACTIVATE MALSR Rwy 09—121.7. When twr clsd ACTIVATE MIRL Rwy 02–20, HIRL Rwy 09–27, MALSR Rwy 27, REIL Rwy 02, Rwy 09, Rwy 20, and Rwy 27—CTAF. HIRL Rwy 09–27 preset low ints dusk–dawn. Ldg fee.
WEATHER DATA SOURCES: ASOS 126.375 (301) 745–3497.
COMMUNICATIONS: CTAF 120.3 **UNICOM** 122.95
HAGERSTOWN RCO 122.1R 109.8T (LEESBURG RADIO)
Ⓡ **WASHINGTON CENTER APP/DEP CON** 134.15
HAGERSTOWN TOWER 120.3 (Apr–Sep 1200–0300Z‡ Oct–Mar 1200–0100Z‡.) **GND CON** 120.8
AIRSPACE: CLASS D svc Apr–Sep 1200–0300Z‡ Oct–Mar 1200–0100Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ST THOMAS (L) VORTAC 115.0 THS Chan 97 N39°55.99′ W77°57.06′ 149° 17.0 NM to fld. 2340/07W.
HAGERSTOWN (L) VOR 109.8 HGR N39°41.86′ W77°51.34′ 091° 6.0 NM to fld. NOTAM FILE HGR.
VOR unusable:
251°–280° byd 10 NM 351°–050°
281°–300° byd 24 NM blo 8000′
ILS/DME 111.9 I–HGR Chan 56 Rwy 27. Class IE. ILS unavbl when twr clsd.
ILS/DME 111.9 I–UYK Chan 56 Rwy 09.

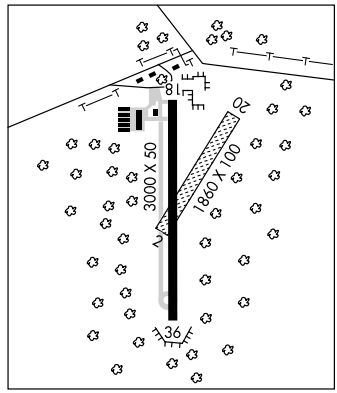
HARFORD CO (See CHURCHVILLE)

HAVRE DE GRACE SPB (MØ6) 1 E UTC−5(−4DT) N39°32.49′ W76°04.18′ **WASHINGTON**
00 S1 NOTAM FILE DCA
WATERWAY N–S: 8000X200 (WATER)
WATERWAY S: Bridges.
WATERWAY E–W: 8000X200 (WATER)
WATERWAY E: Bridges.
SEAPLANE REMARKS: Attended May–Nov dawn–dusk. Birds on and invof arpt. Major ultralgt repairs and svcs. May–Nov floating dock fully extended for local and transient afct storage.
COMMUNICATIONS: CTAF/UNICOM 123.00

HOBY WOLF (See ELDERSBURG)

INDIAN HEAD

MARYLAND (2W5) 4 E UTC−5(−4DT) N38°36.03′ W77°04.38′ **WASHINGTON**
170 S4 **FUEL** 100LL, JET A TPA—1000(830) NOTAM FILE DCA **COPTER**
RWY 18–36: H3000X50 (ASPH) LIRL 0.5% up N **L–29E, 34E, 36I, A**
RWY 18: Trees. **RWY 36:** Trees. **IAP**
RWY 02–20: 1860X100 (TURF)
RWY 02: Trees. **RWY 20:** Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Arpt unattended Thanksgiving, Christmas and New Years Day. CLOSED to transit acft when arpt is unattended. Airport CLOSED nights. Birds and wildlife on and invof arpt. Rwy 36 has 35′ dropoff 100′ out. Rwy 02–20 perimeter marked with yellow tires. ACTIVATE LIRL Rwy 18–36—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **POTOMAC APP/DEP CON** 119.85
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
NOTTINGHAM (L) VORTAC 113.7 OTT Chan 84 N38°42.35′ W76°44.69′ 258° 16.7 NM to fld. 210/10W. **HIWAS.**



KENTMORR AIRPARK (See STEVENSVILLE)

KIRBE N38°42.05′ W76°52.21′ NOTAM FILE ADW. **WASHINGTON**
NDB (LOM) 360 RW 011° 6.6 NM to Andrews AFB.

LANDY N38°21.76′ W75°11.87′ NOTAM FILE OXB. **WASHINGTON**
NDB (MHW/LOM) 407 OX 144° 4.7 NM to Ocean City Muni. Unmonitored. **L–34F, 36J, A**

LAUREL

SUBURBAN (W18) 2 SE UTC−5(−4DT) N39°04.62′ W76°49.68′ **WASHINGTON**
148 B S2 **FUEL** 100LL TPA—1000(852) NOTAM FILE DCA **COPTER**
RWY 03–21: H2324X40 (ASPH) LIRL 0.9% up NE
RWY 03: APAP(PNIL)—GA 6.0° TCH 25′. Thld dsplcd 178′. Tree.
RWY 21: APAP(PNIL)—GA 6.0° TCH 31′. Trees.
AIRPORT REMARKS: Unattended. Deer and birds on and invof arpt. Ultralight acft prohibited. For rotating bcn during hours of attendance call 301–490–7580. ACTIVATE LIRL Rwy 03–21 and APAP Rwy 03 and Rwy 21—CTAF. No touch and go landings/intersection tkfs authorized. Fee for overnight transits.
COMMUNICATIONS: CTAF/UNICOM 123.05

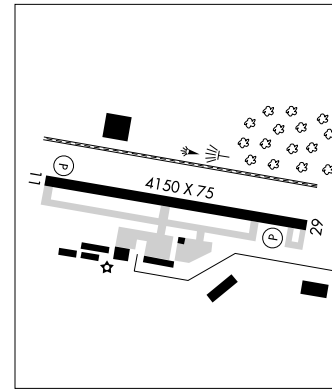
LAYTONSVILLE

DAVIS (W5Ø) 3 N UTC−5(−4DT) N39°14.61′ W77°09.02′ **WASHINGTON**
630 S2 NOTAM FILE DCA
RWY 08–26: H2005X25 (ASPH)
RWY 08: APAP(PNIL)—GA 4.0° TCH 17′. Trees. **RWY 26:** APAP(PNIL)—GA 5.0° TCH 18′. P–line.
AIRPORT REMARKS: Attended Mon–Fri dawn–dusk. Arpt CLOSED dusk–dawn. Birds and wildlife on and invof arpt.
COMMUNICATIONS: CTAF/UNICOM 122.8 Unicom unmonitored.

LEE (See ANNAPOLIS)

LEONARDTOWN

ST. MARY'S COUNTY RGNL (2W6) 4 NE UTC−5(−4DT) N38°18.92′ W76°33.01′ **WASHINGTON**
142 B S4 **FUEL** 100LL, JET A NOTAM FILE DCA **L–29E, 34E, 36I, A**
RWY 11–29: H4150X75 (ASPH) S–12.5 MIRL 0.4% up W **IAP**
RWY 11: REIL. PAPI(P2L). Trees.
RWY 29: REIL. PAPI(P2L).
AIRPORT REMARKS: Attended 1300–2200Z‡. Deer on and invof Rwy 11–29 SS–SR. Glider and ultralight activity on and invof arpt. Rwy 29 15′ depression (downslope) 300′ from thld 150′ right—125′ left. ACTIVATE MIRL Rwy 11–29; REIL Rwys 11 and 29—CTAF.
WEATHER DATA SOURCES: AWOS–3 119.575 (301) 373–6514.
COMMUNICATIONS: CTAF/UNICOM 123.0
PATUXENT RCO 122.1R 117.6T (LEESBURG RADIO)
Ⓡ **PATUXENT APP/DEP CON** 121.0 (Mon–Fri 1200–0400Z‡, Sat–Sun 1300–2300Z‡, clsd holidays)
Ⓡ **WASHINGTON CENTER APP/DEP CON** 133.9 (Mon–Fri 0400–1200Z‡, Sat–Sun 2300–1300Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
PATUXENT (L) VORTAC 117.6 PXT Chan 123 N38°17.27′ W76°24.01′ 293° 7.3 NM to fld. 20/10W.



MARYLAND (See INDIAN HEAD)

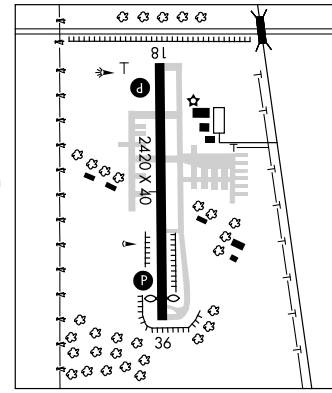
MARTIN STATE (See BALTIMORE)

MASSEY AERODROME (MD1) 2 N UTC−5(−4DT) N39°17.96′ W75°47.96′ **WASHINGTON**
73 NOTAM FILE DCA
RWY 02–20: 3000X200 (TURF)
RWY 02: Trees. **RWY 20:** Thld dsplcd 400′. Trees.
AIRPORT REMARKS: Attended dawn–dusk. Gliders, hang–gliders, powered parachutes, ultralight activity on and invof arpt. Rwy thlds and sides marked with orange traffic cones. Rwy 20 dsplcd thld marked with 3 orange traffic cones on both sides.
COMMUNICATIONS: CTAF 122.9

MEXICO FARMS (See CUMBERLAND)

MITCHELLVILLE

FREEWAY (WØØ) 2 NW UTC−5(−4DT) N38°56.48′ W76°46.34′ **WASHINGTON**
168 B S4 **FUEL** 100LL TPA—See Remarks NOTAM FILE DCA **COPTER**
RWY 18–36: H2420X40 (ASPH) MIRL 0.7% up N **L–29E, 34F, 36I, A**
RWY 18: PAPI(P2R)—GA 6.0° TCH 47′. Trees. **IAP**
RWY 36: PAPI(P2L)—GA 5.5° TCH 26′. Thld dsplcd 230′. Trees. Rgt tfc.
AIRPORT REMARKS: Attended 1300Z‡–dark Unattended major holidays. −15 ft drop 80 ft from AER 36. 7 ft drop 50 ft from apch to Rwy 18. Lgtd antenna 135′ AGL 600′ NW AER 18. Standard Instrument App Procedures for Freeway Arpt are authorized to penetrate the Washington D. C. Flight Restricted Zone under the following provisions: only FAR Parts 91 and 135 operators authorized. No practice apchs. TPA—1000 (832) for acft less than 4000 lbs max gross weight; TPA—1200 (1032) for acft greater than 4000 lbs. ACTIVATE MIRL Rwy 18–36 and PAPI Rwy 18 and Rwy 36—CTAF.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **POTOMAC APP/DEP CON** 119.3
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
NOTTINGHAM (L) VORTAC 113.7 OTT Chan 84 N38°42.35′ W76°44.69′ 005° 14.2 NM to fld. 210/10W. **HIWAS.**

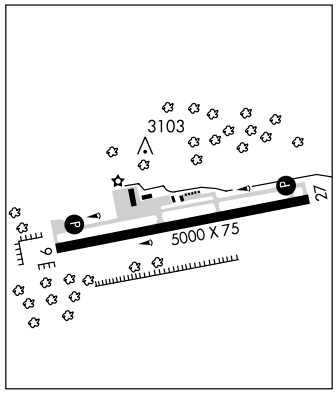


MONTGOMERY CO AIRPARK (See GAITHERSBURG)

NOTTINGHAM N38°42.35′ W76°44.69′ NOTAM FILE DCA. WASHINGTON
(L) VORTAC 113.7 OTT Chan 84 328° 8.5 NM to Andrews AFB. COPTER
210/10W. **HIWAS.** H–10H, 12I, L–29E, 34F, 36I, A
VOR portion unusable
072°–234° blo 10000′
072°–138° blo 6000′
139°–234° blo 10000′
DME portion unusable:
260°–030° byd 20 NM blo 3000′
031°–050° byd 20 NM blo 4000′
051°–065° byd 20 NM blo 5000′
066°–076° byd 20 NM blo 3000′ and byd 32 NM blo 5000′
077°–086° byd 20 NM blo 5000′
087°–122° byd 20 NM blo 7000′
VORTAC unusable
087°–143° byd 36 NM
123°–143° byd 20 NM blo 6000′
123°–143° byd 32 NM blo 7000′
144°–180° byd 20 NM blo 5000′
181°–259° byd 20 NM blo 2500′
184° byd 40 NM blo 17,500′
184° byd 75 NM blo FL310
RCO 122.1R 113.7T (LEESBURG RADIO)

OAKLAND

GARRETT CO (2G4) 13 NE UTC−5(−4DT) N39°34.85′ W79°20.16′ CINCINNATI
2933 B S2 **FUEL** 100LL, JET A+ TPA—3733(800) NOTAM FILE EKN H–10H, 12H, L–29C
RWY 09–27: H5000X75 (ASPH–GRVD) MIRL 1.1% up W IAP
RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 44′. Trees.
RWY 27: REIL. PAPI(P4R)—GA 3.0° TCH 45′. Trees.
AIRPORT REMARKS: Attended 1400–2300Z‡. Wildlife on and invof arpt.
ACTIVATE MIRL Rwy 09–27 and PAPI Rwy 09 and Rwy 27—CTAF.
WEATHER DATA SOURCES: AWOS–3 120.125 (301) 746–8443.
COMMUNICATIONS: CTAF/UNICOM 123.0
GRANTSVILLE RCO 122.1R 112.3T (ELKINS RADIO)
CLEVELAND CENTER APP/DEP CON 124.4
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
GRANTSVILLE (L) VOR/DME 112.3 GRV Chan 70 N39°38.10′ W79°03.03′ 262° 13.8 NM to fld. 2640/06W.



OCEAN CITY MUNI (OXB) 2 SW UTC−5(−4DT) N38°18.63′ W75°07.44′ **WASHINGTON L–36J, A IAP**

11 B S4 **FUEL** 100LL, JET A NOTAM FILE OXB

RWY 14–32: H4072X75 (ASPH–CONC) S–20 MIRL

RWY 14: VASI(V4L)—GA 3.0° TCH 34′. Trees.

RWY 32: VASI(V4L)—GA 3.0° TCH 27′.

RWY 02–20: H3201X75 (ASPH–CONC) MIRL

RWY 02: PAPI(P2L)—GA 3.0° TCH 40′. Trees.

RWY 20: PAPI(P2L)—GA 4.0° TCH 42′. Trees.

AIRPORT REMARKS: Attended Oct–Apr 1300–2200Z‡, May–Sept 1300–0100Z‡. Arpt unattended Thanksgiving, Christmas and New Years Day. Parachute Jumping. Deer and birds on and invof arpt. Ultralight ops on and invof arpt. Trucks and vehicles crossing twy, north of hold block Rwy 02. ACTIVATE MIRL Rwy 14–32 and Rwy 02–20—CTAF.

WEATHER DATA SOURCES: ASOS 119.025 (410) 213–1530.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **PATUXENT APP/DEP CON** 127.95 (Mon–Fri 1200–0400Z‡, Sat–Sun 1300–2300Z‡, clsd holidays)

CLNC DEL 121.75

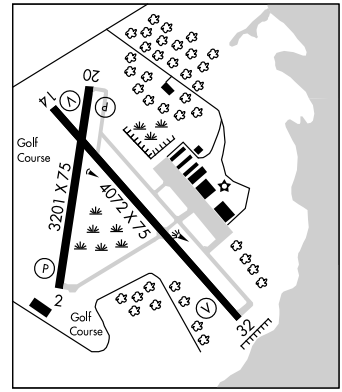
WASHINGTON CENTER APP/DEP CON 132.55 (Mon–Fri 0400–1200Z‡, Sat–Sun 2300–1300Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE SBY.

SALISBURY (L) VORTAC 111.2 SBY Chan 49 N38°20.70′ W75°30.64′ 108° 18.4 NM to fld. 50/12W.

LANDY NDB (MHW/LOM) 407 OX N38°21.76′ W75°11.87′ 144° 4.7 NM to fld. Unmonitored. NOTAM FILE OXB.

ILS 109.15 I–OXB Rwy 14. LOM LANDY NDB (LOC only).



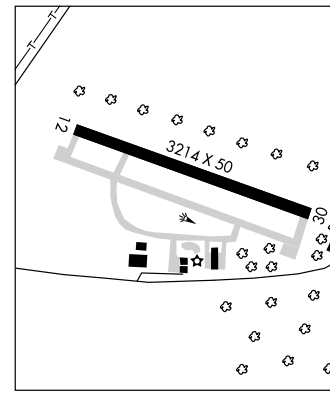
PATUXENT RIVER NAS (TRAPNELL FLD) (NHK)(KNHK) N 0 N UTC−5(−4DT) **WASHINGTON**
N38°17.16′ W76°24.71′ **H–10I, 12I, L–34E, 36I, A**
39 B TPA—See Remarks NOTAM FILE DCA Not insp. **DIAP, AD**
RWY 06–24: H11807X200 (ASPH) PCN 71 R/C/W/T HIRL CL
RWY 06: ALSF1. OLS. **RWY 24:** OLS.
RWY 14–32: H9742X200 (ASPH) PCN 73 R/B/W/T HIRL
RWY 14: OLS. **RWY 32:** OLS.
RWY 02–20: H5021X75 (ASPH) PCN 24 R/B/W/T
ARRESTING GEAR/SYSTEMS
RWY 06 HOOK E28(B) (2180′) HOOK E28(B) (1509′) **RWY 24**
RWY 14 HOOK E28(B) (1280′) HOOK E28(B) (3061′) **RWY 32**
MILITARY SERVICE: JASU (NCPP–105), (NC–8A), (NC–10C) **FUEL** 100LL, J8 J5 **FLUID** SP LHOX LOX
OIL O–128–133–148–156(Mil) **TRAN ALERT** Avbl Mon–Fri 1200–2300Z‡ except holidays. Limited J8 tran fuel avbl.
MILITARY REMARKS: Opr 1200–0400Z‡, clsd holidays. See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** PPR—no NOTAM terminal facilities avbl. DSN 342–3836, C301–342–3836. Acft must make prior arrangement and receive PPR from host Squadron, or NAS Air Ops. Limited ramp space, and limited tran service avbl expect delays. **CAUTION** Stopping in restricted area on Twy A, W twy is prohibited. Portions of rwy, twy and acft ramps not visible from twr. First 1630′ Rwy 32 may be clsd daylgt hours Mon–Sat during VFR. Buildings and equipment located near the AER 32. Deer and bird hazard. **TFC PAT** TPA—VFR initial at 4 DME (Rwy 32 at 3 DME) 2000(1961), break 1500(1461), downwind 1000(961). Reduced rwy separation standard in effect for local based USN/USMC acft. **NS ABTMT** Military acft maintain at least 1500′ between 3 NM and 10 NM from 210° clockwise to 240°. No practice apch heavy acft Sat before 1500Z‡, Sun before 1700Z‡. Tran acft practice apch not to interfere basis. **CSTMS/AG/IMG** CSTMS/AG avbl 24 hr with 24 hr prior notice. IMG avbl 24 hr with 72 hr prior notice. Ctc AODO at DSN 342–3836, C301–342–3836. **MISC** Meterological obsn and PMSV monitoring are not avbl 0400–1030Z‡ daily. For forecast ctc NAFC at DSN 565–4555, C888–745–6899. Class D service not avbl outside of published opr hrs.
COMMUNICATIONS: SFA **ATIS** 322.425
RCO 117.6T 122.1R (LEESBURG RADIO)
Ⓡ **APP/DEP CON** 120.05 281.8 (165°–055° abv 3000′) 121.0 250.3 (165°–055° 3000′ and blo) 127.95 314.0 (056°–164° all altitudes) (Mon–Fri 1200–0400Z‡, Sat–Sun 1300–2300Z‡, clsd holidays)
Ⓡ **WASHINGTON CENTER APP/DEP CON** 133.9 281.4 (Mon–Fri 0400–1200Z‡, Sat–Sun 2300–1300Z‡).
TOWER 123.7 343.65 340.2X **GND CON** 120.6 336.4 **CLNC DEL** 135.2 316.125 **PMSV METRO** 356.2
BASE OPS 302.55
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
(L) VORTAC 117.6 PXT Chan 123 N38°17.27′ W76°24.01′ at fld. 20/10W.
VOR portion unusable:
023° byd 10 NM blo 2,500′
024°–174° byd 11 NM blo 2,500′
175°–239° byd 10 NM blo 5,000′
240°–347° blo 2,000′
288°–298° byd 11 NM blo 2,500′
348°–022° byd 11 NM blo 2,500′
TACAN azimuth unusable:
150°–155° byd 25 NM blo 2,500′
155°–237° byd 11 NM blo 2,500′
NDB (MHW) 400 NHK N38°17.16′ W76°24.19′ at fld. Unusable byd 10 NM. No NOTAM MP Wed 1300–1700Z‡.
ASR/PAR Mon–Fri 1200–0400Z‡, Sat–Sun 1300–2300Z‡
COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

PHILLIPS AAF (ABERDEEN PROVING GROUND) (APG)(KAPG) A 2 S UTC−5(−4DT) **WASHINGTON**
N39°27.97′ W76°10.13′ **H–10I, 12I, L–34F, 36J, A**
57 B NOTAM FILE DCA Not insp. **DIAP**
RWY 04–22: H7997X200 (ASPH) PCN 26 F/B/W/T HIRL
RWY 22: ODALS. PVASI(PSIL).
RWY 17–35: H5004X149 (ASPH) PCN 10 F/C/W/T
RWY 08–26: H4849X149 (ASPH) PCN 11 F/B/W/T
MILITARY SERVICE: LGT HIRL Rwy 04–22 PPR only. **FUEL** J8 **OIL** O–113–56(Mil)
MILITARY REMARKS: Opr Mon–Fri 1100–0200Z‡ except holidays, other times PPR. Rwy 17–35 CLOSED permanently. Rwy 08–26 CLOSED permanently. **RSTD** 24 hr PPR all acft. Tran acft ldg at any site other than arpt before SR or 1200Z‡, whichever is later or after SS is prohibited. DSN 298–3483/3074, C410–278–3483/3074. Rwy 08–26 limited to 25,000 lbs gross weight. Touch and go ldg prohibited while vehicle test in progress, low apch only. **CAUTION** Impact area 1200 yards south of Rwy 17–35. Deer hazard. Ctc twr 15 minutes prior to arr to arrange deer sweep. If twr clsd use extreme caution. **NS ABTMT** Noise sensitive area. Use Noise Abatement opr procedure. **MISC.:** ARFF protection not located on airfield.
COMMUNICATIONS: ATIS 108.4 (Mon–Fri 1100–0200Z‡, except holidays, other times PPR.)
Ⓡ **POTOMAC APP/DEP CON** 125.525 291.625
TOWER 126.15 229.6 241.0 (Mon–Fri 1100–0200Z‡, except holidays, other times PPR.) **GND CON** 121.9
AIRSPACE: CLASS D svc Mon–Fri 1100–0200Z‡ except holidays, other times PPR, other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
(T) VORW/DME 108.4 PPM Chan 21 N39°28.00′ W76°10.26′ at fld. 41/9W. Monitored arpt opr hrs.
VOR unusable:
130°–140° byd 10 NM
DME unusable:
010°–035° byd 20 NM blo 2,500′
VOR/DME unusable:
241°–279° byd 16 NM blo 4,500′
ABERDEEN NDB (MHW) 349 APG N39°32.11′ W76°06.38′ 226° 5.1 NM fld. Unmonitored Mon–Fri and holidays 2130–1230Z‡, other times PPR.

PIER 7 (See BALTIMORE)

POTOMAC AIRFIELD (See FRIENDLY)

RIDGELY AIRPARK (RJD) 2 NE UTC−5(−4DT) N38°58.21′ W75°51.98′ **WASHINGTON**
64 B S4 **FUEL** 100LL, NOTAM FILE DCA **L–34F, 36J, A**
RWY 12–30: H3214X50 (ASPH) S–28, D–39 LIRL **IAP**
RWY 12: REIL. Trees. **RWY 30:** REIL. Trees.
AIRPORT REMARKS: Attended Mon–Fri 1400–2130Z‡. Hang glider ops on and invof arpt. Birds, deer and wildlife on and invof arpt. Unlimited vehicle access to acft movement areas. Turf areas adjacent to acft movement areas soft when wet. UNICOM unmonitored. ACTIVATE LIRL Rwy 12–30 and REIL Rwy 12 and 30—CTAF.
WEATHER DATA SOURCES: AWOS–3 120.225 (410) 634–1072.
COMMUNICATIONS: CTAF/UNICOM 122.8
POTOMAC APP/DEP CON 124.55
DOVER APP/DEP CON 132.425 (RNAV/GPS Rwy 30)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SMYRNA (L) VORTAC 111.4 ENO Chan 51 N39°13.90′ W75°30.96′ 235° 22.7 NM to fld. 10/09W.



ST. MARY'S COUNTY RGNL (See LEONARDTOWN)

SALISBURY

BENNETT (1N5) 4 NW UTC−5(−4DT) N38°24.76′ W75°37.01′ **WASHINGTON**

42 B NOTAM FILE DCA

RWY 17–35: 3134X95 (TURF) LIRL

RWY 17: APAP(PNIL)—GA 4.0 TCH 23′. Thld dsplcd 237′. Road.

RWY 35: APAP(PNIR)—GA 5.0 TCH 52′. Thld dsplcd 741′. P-line.

RWY 08–26: 2270X95 (TURF)

RWY 08: Thld dsplcd 400′. Trees. **RWY 26:** Thld dsplcd 300′. Road.

AIRPORT REMARKS: Attended dawn–dusk. Birds and wildlife on and invof arpt. Ultralight activity on and invof arpt. Arpt lgts opr dusk–0400Z‡. ACTIVATE LIRL Rwy 17–35—CTAF. Rwy 08–26 and Rwy 17–35 dsplcd thlds marked with lgts and cones. Minor powerplant repairs avbl.

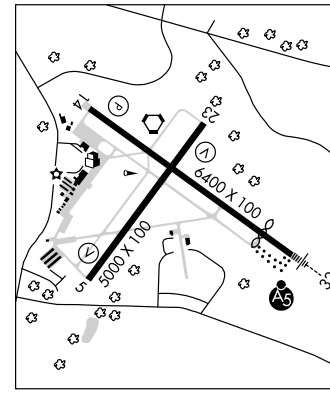
COMMUNICATIONS: CTAF/UNICOM 122.8

SALISBURY–OCEAN CITY WICOMICO RGNL (SBY) 4 SE UTC−5(−4DT) **WASHINGTON**

N38°20.41′ W75°30.57′ **H–10I, 12I, L–34F, 36I, A**

52 B S4 **FUEL** 100LL, JET A TPA—1052 (1000) Class I, ARFF Index A **IAP, AD**

NOTAM FILE SBY



RWY 14–32: H6400X100 (ASPH–CONC) S–76, D–126, ST–146, DT–423, DDT–749 HIRL PCN 32 F/B/Y/T

RWY 14: REIL. PAPI(4PL)—GA 3.0° TCH 45′. Tree.

RWY 32: MALSR. Thld dsplcd 900′.

RWY 05–23: H5000X100 (ASPH) S–30, D–65, ST–83 MIRL

RWY 05: REIL. VASI(V4L)—GA 3.0°TCH 39′. Tree.

RWY 23: REIL. VASI(V4L)—GA 3.0°TCH 39′. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05:	TORA–5000	TODA–5000	ASDA–5000	LDA–5000
RWY 14:	TORA–6400	TODA–6400	ASDA–6400	LDA–6400
RWY 23:	TORA–5000	TODA–5000	ASDA–5000	LDA–5000
RWY 32:	TORA–6400	TODA–6400	ASDA–6400	LDA–5500

AIRPORT REMARKS: Attended 1230–2100Z‡. FBO hrs 1100–0200Z‡. For svcs after hrs call 410–749–0323. Deer and birds on and invof arpt. PPR 24 hours for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 410–548–4827. Numerous military training activity on and invof arpt. Numerous cracks and spalling on Twy C between Twy E and Rwy 05. Numerous cracks and spalling on Twy E between Twy A and Rwy 05. Twy E clsd between Twy A and Rwy 05–23 exc for hangared acft. Rotating bcn obscured by trees in NW quadrant. MALSR Rwy 32 OTS indef. When twr clsd ACTIVATE MIRL Rwy 05–23; HIRL Rwy 14–32; REIL Rwy 05, Rwy 23, Rwy 14 and twy lgts—CTAF. ACTIVATE MALSR Rwy 32–122.95.

WEATHER DATA SOURCES: ASOS 118.325 (410) 341–0868.

COMMUNICATIONS: CTAF 119.425 **UNICOM** 122.95

RCO 122.1R 111.2T (LEESBURG RADIO)

RCO 122.3 122.2 (LEESBURG RADIO)

Ⓡ **PATUXENT APP/DEP CON** 127.95 (Mon–Fri 1200–0400Z‡, Sat–Sun 1300–2300Z‡, clsd holidays) **CLNC DEL** 118.55 (0330–0400Z‡)

Ⓡ **WASHINGTON CENTER APP/DEP CON** 132.55 (Mon–Fri 0400–1200Z‡, Sat–Sun 2300–1300Z‡)

TOWER 119.425 (1100–0330Z‡) **GND CON** 123.775 **CLNC DEL** 123.775 (1100–0330Z‡)

AIRSPACE: CLASS D svc 1100–0330Z‡ other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE SBY.

(L) VORTAC 111.2 SBY Chan 49 N38°20.70′ W75°30.64′ at fld. 50/12W.

VOR portion unusable:

315°–359° byd 13 NM
360°–026° byd 29 NM blo 5000′
027°–089° byd 13 NM blo 5000′
090°–110° byd 20 NM blo 5000′
111°–113° byd 19 NM blo 5000′
114°–120° byd 16 NM blo 5000′
261°–285° blo 6000′

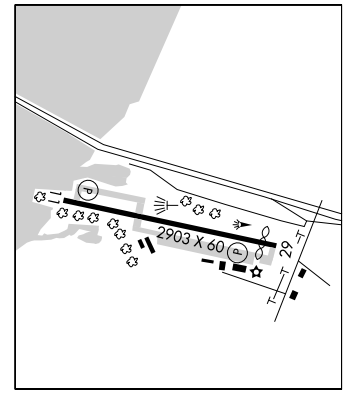
DME: unusable 009°–055° byd 30 NM.

ILS 108.7 I–SBY Rwy 32. Class IE.

SNOW HILL N38°03.40′ W75°27.84′ NOTAM FILE DCA. WASHINGTON
(L) VORTAC 112.4 SWL Chan 71 187° 7.0 NM to NASA Wallops Flight Center. H–10I, 12I, L–36I
40/08W.
VOR portion unusable:
210°–225° byd 13 NM blo 4000′
210°–225° byd 18 NM blo 6000′
210°–225° byd 37 NM
225°–265° byd 10 NM blo 2500′
225°–265° byd 30 NM blo 9000′
265°–005° byd 20 NM blo 1500′
005°–020° byd 25 NM blo 1500′
020°–040° byd 20 NM blo 1700′
040°–045° byd 10 NM blo 2000′
RCO 122.6 122.1R 112.4T (LEESBURG RADIO)

STEVENSVILLE

BAY BRIDGE (W29) 1 W UTC−5(−4DT) N38°58.58′ W76°19.78′ WASHINGTON
15 B S4 FUEL 100LL, JET A TPA—1215(1200) NOTAM FILE W29 COPTER
RWY 11–29: H2903X60 (ASPH) MIRL 0.3% up E L–29E, 34F, 36I, A
RWY 11: REIL. PAPI(P2L)—GA 3.0° TCH 38′. IAP
RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 39′. Thld dsplcd 190′. Road.
AIRPORT REMARKS: Attended 1330–2130Z‡. Unattended Thanksgiving, Christmas and New Years. Touch and go ops prohibited. Birds, deer, and other wildlife on and invof arpt. Noise abatement procedures in effect ctc arpt manager 410–643–4364. Noise sensitive residential area south of arpt; enter downwind for Rwy 29 over water twr south of fld. ACTIVATE MIRL Rwy 11–29 and REIL Rwys 11 and 29—CTAF.
WEATHER DATA SOURCES: AWOS–3 120.575 (410) 643–8795.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ POTOMAC APP/DEP CON 119.0
RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.
BALTIMORE (L) VORTAC 115.1 BAL Chan 98 N39°10.26′ W76°39.68′ 138° 19.4 NM to fld. 140/11W.



KENTMORR AIRPARK (3W3) 5 SW UTC−5(−4DT) N38°55.09′ W76°21.53′ WASHINGTON
10 TPA–1000 (990) NOTAM FILE DCA
RWY 10–28: 2400X75 (TURF)
RWY 10: Thld dsplcd 200′. Trees. RWY 28: Thld dsplcd 150′. Road.
AIRPORT REMARKS: Unattended. Numerous birds, deer, other wildlife on and invof arpt. No ngt ops. Unlimited vehicle access to acft movement areas. Rwy 10–28 may be soft and wet. Preferred calm wind Rwy 28, for noise abatement. Preferred 90° crosswind Rwy 28, for noise abatement. Rwy 10–28 dsplcd thlds marked with orange cones, N edge lined with blue reflectors. Helicopters requested to use standard tfc pattern. Taxi and park on north side of rwy.
COMMUNICATIONS: CTAF 122.9

SUBURBAN (See LAUREL)

TIPTON (See FORT MEADE (ODENTON))

TRAPNELL FLD (See PATUXENT RIVER NAS)

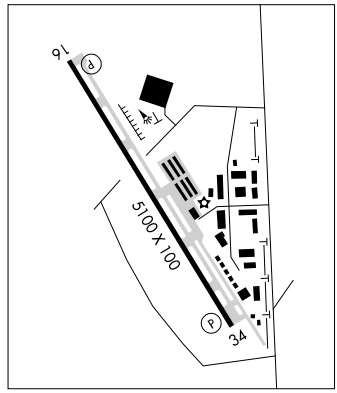
WASHINGTON DC NAF (See ANDREWS AFB)

WASHINGTON EXECUTIVE/HYDE FIELD (See CLINTON)

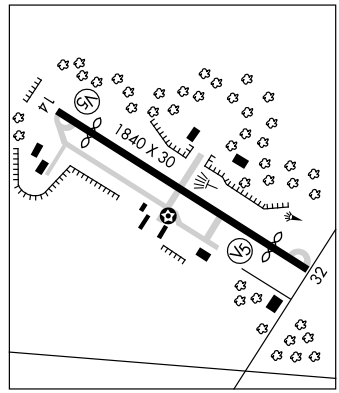
WESTMINSTER N39°29.70′ W76°58.72′ NOTAM FILE DCA. WASHINGTON
(H) VORTAC 117.9 EMI Chan 126 235° 2.5 NM to Clearview Airpark. 820/08W. COPTER
HIWAS. H–10H, 12I, L–29E, 34F, 36J, A
VOR portion unusable:
128°–161° byd 20 NM blo 6500′
285°–295°
301°–334° blo 5500′
DME unusable 281°–055° byd 35 NM blo 3000′.
RCO 122.1R 117.9T (LEESBURG RADIO)

WESTMINSTER

CARROLL CO RGNL/JACK B POAGE FLD (DMW) 3 N UTC−5(−4DT) N39°36.50′ W77°00.46′ **WASHINGTON**
789 B S4 **FUEL** 100LL, JET A OX 3,4 TPA—(See Remarks) NOTAM FILE DMW **H–10H, 12I, L–29E, 34F, A**
RWY 16–34: H5100X100 (ASPH–GRVD) S–22 MIRL 0.3% up NW **IAP**
RWY 16: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
RWY 34: REIL. PAPI(P2L)—GA 3.0° TCH 46′. Rgt tfc.
AIRPORT REMARKS: Attended Apr–Sep 1200–0100Z‡ Oct–Mar 1200–0100Z‡. Arpt unattended Christmas. Wildlife on and invof arpt. TPA: Fixed wing 1599(810); turbo prop and jet 2099(1310). Rwy 16–34 distance markers every 1000 ft W side of rwy. PAPI Rwy 16 unusable byd 5° right of centerline. ACTIVATE MIRL Rwy 16–34; REIL Rwys 16 and 34; twy lgts—CTAF.
WEATHER DATA SOURCES: AWOS–3 121.25 (410) 876–1281. **HIWAS** 117.9 EMI.
COMMUNICATIONS: CTAF/UNICOM 122.7
WESTMINSTER RCO 122.1R 117.9T (LEESBURG RADIO)
Ⓡ **POTOMAC APP/DEP CON** 125.525 **GCO** 121.725 (POTOMAC CLNC)
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
WESTMINSTER (H) VORTAC 117.9 EMI Chan 126 N39°29.70′ W76°58.72′ 357° 6.9 NM to fld. 820/08W. **HIWAS.**



CLEARVIEW AIRPARK (2W2) 7 S UTC−5(−4DT) N39°28.02′ W77°01.05′ **WASHINGTON**
799 B **FUEL** 100LL TPA—1799(1000) NOTAM FILE DCA **COPTER**
RWY 14–32: H1840X30 (ASPH) LIRL (NSTD) 2.1% up SE **L–29E, 34F, 36J, A**
RWY 14: APAP(PNIL)—GA 4.0° TCH 20′. Thld dsplcd 330′. Trees. **IAP**
RWY 32: APAP(PNIL)—GA 7.0° TCH 34′. Thld dsplcd 278′. Trees.
AIRPORT REMARKS: Attended 1400–2200Z‡, Apr 1–Oct 31 Sat–Sun 1400–2300Z‡. Arpt unattended Thanksgiving, Christmas, and New Years Day. Unlimited vehicle access to acft movement areas. 60 ft drop off 125 ft from apch end Rwy 14. Ultralight activity on and in vicinity of arpt. Rwy 14–32 NSTD LIRL, lgts 20′ from edge of rwy. Rwy 14–32 lgtd thld Rwy 32 relocated 278 ft for ngt ops; 1567 ft of rwy usable at ngt. Rwy 14 dsplcd thld has NSTD orange traffic cones, markings and lgts. ACTIVATE NSTD LIRL Rwy 14–32 and rotating bcn—CTAF.
WEATHER DATA SOURCES: HIWAS 117.9 EMI.
COMMUNICATIONS: CTAF/UNICOM 122.8
WESTMINSTER RCO 122.1R 117.9T (LEESBURG RADIO)
Ⓡ **POTOMAC APP/DEP CON** 125.525
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
WESTMINSTER (H) VORTAC 117.9 EMI Chan 126 N39°29.70′ W76°58.72′ 235° 2.5 NM to fld. 820/08W. **HIWAS.**



BARNES MUNI (See WESTFIELD/SPRINGFIELD)

BARNSTABLE MUNI–BOARDMAN/POLANDO FLD (See HYANNIS)

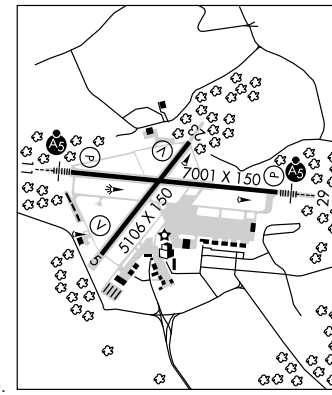
BARRE/BARRE PLAINS

TANNER–HILLER (8B5) 4 SW UTC−5(−4DT) N42°21.38′ W72°07.81′ **NEW YORK**
584 S2 **FUEL** 100LL, MOGAS TPA—1584(1000) NOTAM FILE BDR **L–33C, 34J**
RWY 06–24: H3027X40 (ASPH) S–9
RWY 06: Thld dsplcd 150′. Trees. **RWY 24:** Thld dsplcd 200′. Trees.
AIRPORT REMARKS: Attended Mon–Fri 1300–2300Z‡, Sat 1300–2100Z‡, Sun unattended. Gliders opr from arpt on intermittent basis. Gliders and powered acft follow left hand tfc pat on both rwys. Fuel avbl PPR 508–867–3585. Arpt CLOSED SS–SR.
COMMUNICATIONS: CTAF/UNICOM 123.0
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76′ W72°03.49′ 210° 11.8 NM to fld. 1280/14W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.

BEDDS N42°28.79′ W71°23.32′ NOTAM FILE BED.
NDB (LOM) 332 BE 114° 4.5 NM to Laurence G. Hanscom Fld.

BEDFORD

LAURENCE G HANSCOM FLD (BED) 0 NE UTC−5(−4DT) N42°28.20′ W71°17.34′ **NEW YORK**
133 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks LRA Class I, ARFF Index A **COPTER**
NOTAM FILE BED **H–11D, 12K, L–33D, 34J**
RWY 11–29: H7001X150 (ASPH–GRVD) S–78, D–100, ST–127, DT–190 HIRL **IAP, AD**
RWY 11: MALSR. PAPI(P4L)—GA 3.0° TCH 62′. Hill.
RWY 29: MALSR. PAPI(P4R)—GA 3.0°TCH 52′. Rgt tfc acft over 12,500 lbs. Trees.
RWY 05–23: H5106X150 (ASPH–GRVD) S–72, D–117, ST–149, DT–207 MIRL
RWY 05: REIL. VASI(V4L)—GA 3.75° TCH 62′. Trees.
RWY 23: REIL. VASI(V4R)—GA 3.25° TCH 53′. Trees.



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 05	11–29	3000
RWY 11	05–23	2650
RWY 29	05–23	3650

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05:	TORA–5106	TODA–5106	ASDA–5106	LDA–5106
RWY 11:	TORA–7001	TODA–7001	ASDA–7001	LDA–7001
RWY 23:	TORA–5106	TODA–5106	ASDA–5106	LDA–5106
RWY 29:	TORA–7001	TODA–7001	ASDA–7001	LDA–7001

AIRPORT REMARKS: Attended continuously. Birds and wildlife on and invof arpt. PPR for all acft carrying explosives, call 781–869–8000. No practice low apchs/touch and go ldg for acft 12,500 lbs and over. No practice low apchs/touch and go ldgs for acft under 12,500 lbs between 0400–1200Z‡. Unlighted 215 ft AGL obstruction 1000 ft south of apch end Rwy 11. Noise rules in effect, helicopters operating within controlled airspace are required to main-tain highest possible altitude. Surcharge for each ldg and/or departure 0400–1200Z‡. Be alert for small acft parked on ramps. TPA 1133 (1000) fixed wing; 1633 (1500) turbojet; 1933 (1800) heavy jet acft. CLOSED to Part 121 air carrier ops with over 60 seats except 24 hour PPR call 781–869–8000. Twy N unavbl Nov 15–Apr 1. Twys N and B clsd to air carrier acft. Twy G between Rwy 11–29 and Rwy 05–23 restricted—no acft with wingspans greater than 118′. Twys F, J, M, N, R, S, T clsd greater than 118′ wingspan. ACTIVATE MIRL Rwy 05–23, HIRL Rwy 11–29, MALSR Rwy 11 and 29, and twy lgts—118.5. Commercial and transient ldg fee. Flight Notification Service (ADCUS) available. User pays customs cost.

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WEATHER DATA SOURCES: ASOS (781) 274–9733. LAWRS.
COMMUNICATIONS: CTAF 118.5 **ATIS** 124.6 781–274–6283. **UNICOM** 122.95
Ⓡ **BOSTON APP/DEP CON** 124.4
HANSCOM TOWER 118.5 (1200–0400Z‡) **GND CON** 121.7 **CLNC DEL** 121.85
AIRSPACE: CLASS D svc 1200–0400Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE LWM.
LAWRENCE (L) VOR/DME 112.5 LWM Chan 72 N42°44.42′ W71°05.69′ 223° 18.4 NM to fld. 302/15W.
SHAKER HILL NDB (MHW) 251 SKR N42°27.35′ W71°10.71′ 296° 5 NM to fld. NOTAM FILE BED. Unmonitored indefinitely. Unusable beyond 10 NM.
BEDDS NDB (LOM) 332 BE N42°28.79′ W71°23.32′ 114° 4.5 NM to fld. Unmonitored when twr clsd.
ILS/DME 111.15 I–BED Chan 48(Y) Rwy 11. Class IA. LOM BEDDS NDB. ILS unmonitored when twr clsd. Middle marker unmonitored 24 hours daily.
ILS/DME 111.15 I–ULJ Chan 48(Y) Rwy 29. Class IB.

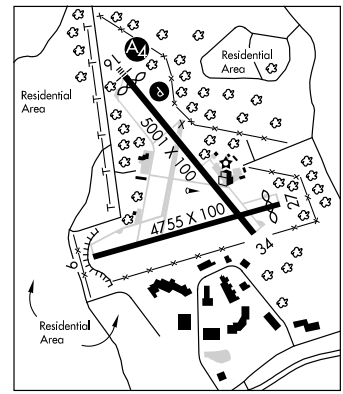
BERKLEY

MYRICKS (1M8) 3 SE UTC−5(−4DT) N41°50.34′ W71°01.59′ NEW YORK

71 S2 **FUEL** 100LL NOTAM FILE BDR
RWY 09–27: 2466X50 (TURF)
RWY 09: Tree. **RWY 27:** Trees.
AIRPORT REMARKS: Attended dalgt hours. Aerial banner pickup and drop ops on and in vicinity of arpt.
COMMUNICATIONS: CTAF: 122.9

BEVERLY MUNI (BVY) 3 NW UTC−5(−4DT) N42°35.05′ W70°54.97′ NEW YORK COPTER H–11D, 12K, L–33D IAP, AD

107 B S4 **FUEL** 100LL, JET A OX 3, 4 LRA NOTAM FILE BVY
RWY 16–34: H5001X100 (ASPH) S–30, D–55, DT–103
MIRL 0.5% up NW
RWY 16: MALS. PAPI(P4L)—GA 3.5° TCH 40′. Thld dsplcd 239′. Trees.
RWY 34: REIL.
RWY 09–27: H4755X100 (ASPH) S–30, D–114, ST–145, DT–180
MIRL 0.4% up E
RWY 09: Tree. **RWY 27:** Thld dsplcd 250′. Trees.



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 09	16–34	3450
RWY 16	09–27	4000

AIRPORT REMARKS: Attended 1200Z‡–dusk. Fuel svc 1100–0300Z‡, after hours by prior req only on 978–774–2070. Birds frequently on and invof arpt; occasional deer or coyote on rwy. Rwy safety areas have drop offs and/or rough terrain. East ramp sfc rough with loose stones. Twy A east 800′ clsd indef. Noise sensitive arpt. Voluntary compliance requested of all acft exceeding 75 DB to not land/depart arpt 0400–1200Z‡. Noise abatement procedures in effect ctc arpt manager 978–921–6072. All arrival/departure acft follow manufacturers recommended procedures for quiet ops and minimum noise. Noise sensitive area off end of Rwy 09 and south of Rwy 09. No tiedown ropes on public transient parking. Transient acft must use anti–theft device when acft unattended. Parking–west side transient at North Atlantic Air. East side transient parking for small acft located on north end of East Ramp, larger acft by south end of East Ramp. Rwy 16 NSTD MALS—800′. ACTIVATE MIRL Rwy 09–27 and Rwy 16–34; MALS Rwy 16 and REIL Rwy 34—CTAF; when twr clsd ACTIVATE PAPI Rwy 16—CTAF. Overnight parking fee. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (978) 921–5042. LAWRS.
COMMUNICATIONS: CTAF 125.2 **ATIS** 119.2 **UNICOM** 122.95
Ⓡ **BOSTON APP/DEP CON** 124.4
TOWER 125.2 (15 May–31 Oct 1200–0200Z‡; 1 Nov–14 May 1200–0100Z‡) **GND CON** 121.6
AIRSPACE: CLASS D svc 15 May–31 Oct 1200–0200Z‡, 1 Nov–14 May 1200–0100Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE BVY.
LAWRENCE (L) VOR/DME 112.5 LWM Chan 72 N42°44.42′ W71°05.69′ 155° 12.3 NM to fld. 302/15W.
TOPSFIELD NDB (MHW) 269 TOF N42°37.16′ W70°57.41′ 156° 2.8 NM to fld. Unmonitored.
ILS/DME 110.5 I–BVY Chan 42 Rwy 16. LOC only.
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at tower. Between 0300–1200Z‡ close flight plan with Boston twr—121.6.

CONTINUED FROM PRECEDING PAGE

WEATHER DATA SOURCES: ASOS (781) 274–9733. LAWRS.
COMMUNICATIONS: CTAF 118.5 **ATIS** 124.6 781–274–6283. **UNICOM** 122.95
Ⓡ **BOSTON APP/DEP CON** 124.4
HANSCOM TOWER 118.5 (1200–0400Z‡) **GND CON** 121.7 **CLNC DEL** 121.85
AIRSPACE: CLASS D svc 1200–0400Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE LWM.
LAWRENCE (L) VOR/DME 112.5 LWM Chan 72 N42°44.42′ W71°05.69′ 223° 18.4 NM to fld. 302/15W.
SHAKER HILL NDB (MHW) 251 SKR N42°27.35′ W71°10.71′ 296° 5 NM to fld. NOTAM FILE BED. Unmonitored indefinitely. Unusable beyond 10 NM.
BEDDS NDB (LOM) 332 BE N42°28.79′ W71°23.32′ 114° 4.5 NM to fld. Unmonitored when twr clsd.
ILS/DME 111.15 I–BED Chan 48(Y) Rwy 11. Class IA. LOM BEDDS NDB. ILS unmonitored when twr clsd. Middle marker unmonitored 24 hours daily.
ILS/DME 111.15 I–ULJ Chan 48(Y) Rwy 29. Class IB.

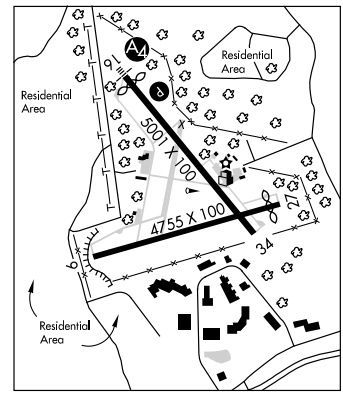
BERKLEY

MYRICKS (1M8) 3 SE UTC−5(−4DT) N41°50.34′ W71°01.59′ NEW YORK

71 S2 **FUEL** 100LL NOTAM FILE BDR
RWY 09–27: 2466X50 (TURF)
RWY 09: Tree. **RWY 27:** Trees.
AIRPORT REMARKS: Attended dalgt hours. Aerial banner pickup and drop ops on and in vicinity of arpt.
COMMUNICATIONS: CTAF: 122.9

BEVERLY MUNI (BVY) 3 NW UTC−5(−4DT) N42°35.05′ W70°54.97′ NEW YORK COPTER H–11D, 12K, L–33D IAP, AD

107 B S4 **FUEL** 100LL, JET A OX 3, 4 LRA NOTAM FILE BVY
RWY 16–34: H5001X100 (ASPH) S–30, D–55, DT–103
MIRL 0.5% up NW
RWY 16: MALS. PAPI(P4L)—GA 3.5° TCH 40′. Thld dsplcd 239′. Trees.
RWY 34: REIL.
RWY 09–27: H4755X100 (ASPH) S–30, D–114, ST–145, DT–180
MIRL 0.4% up E
RWY 09: Tree. **RWY 27:** Thld dsplcd 250′. Trees.



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 09	16–34	3450
RWY 16	09–27	4000

AIRPORT REMARKS: Attended 1200Z‡–dusk. Fuel svc 1100–0300Z‡, after hours by prior req only on 978–774–2070. Birds frequently on and invof arpt; occasional deer or coyote on rwy. Rwy safety areas have drop offs and/or rough terrain. East ramp sfc rough with loose stones. Twy A east 800′ clsd indef. Noise sensitive arpt. Voluntary compliance requested of all acft exceeding 75 DB to not land/depart arpt 0400–1200Z‡. Noise abatement procedures in effect ctc arpt manager 978–921–6072. All arrival/departure acft follow manufacturers recommended procedures for quiet ops and minimum noise. Noise sensitive area off end of Rwy 09 and south of Rwy 09. No tiedown ropes on public transient parking. Transient acft must use anti–theft device when acft unattended. Parking–west side transient at North Atlantic Air. East side transient parking for small acft located on north end of East Ramp, larger acft by south end of East Ramp. Rwy 16 NSTD MALS—800′. ACTIVATE MIRL Rwy 09–27 and Rwy 16–34; MALS Rwy 16 and REIL Rwy 34—CTAF; when twr clsd ACTIVATE PAPI Rwy 16—CTAF. Overnight parking fee. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (978) 921–5042. LAWRS.
COMMUNICATIONS: CTAF 125.2 **ATIS** 119.2 **UNICOM** 122.95
Ⓡ **BOSTON APP/DEP CON** 124.4
TOWER 125.2 (15 May–31 Oct 1200–0200Z‡; 1 Nov–14 May 1200–0100Z‡) **GND CON** 121.6
AIRSPACE: CLASS D svc 15 May–31 Oct 1200–0200Z‡, 1 Nov–14 May 1200–0100Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE BVY.
LAWRENCE (L) VOR/DME 112.5 LWM Chan 72 N42°44.42′ W71°05.69′ 155° 12.3 NM to fld. 302/15W.
TOPSFIELD NDB (MHW) 269 TOF N42°37.16′ W70°57.41′ 156° 2.8 NM to fld. Unmonitored.
ILS/DME 110.5 I–BVY Chan 42 Rwy 16. LOC only.
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at tower. Between 0300–1200Z‡ close flight plan with Boston twr—121.6.

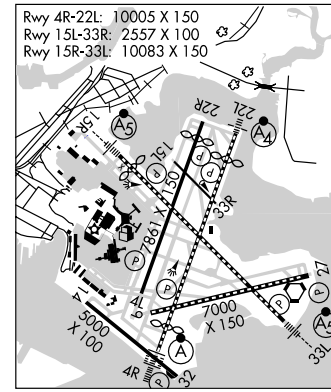
BOGEY N41°42.97′ W70°12.18′ NOTAM FILE HYA.
NDB (LOM) 342 HY 246° 4.5 NM to Barnstable Muni–Boardman/Polando Fld. Unmonitored when twr clsd.

BOSTON N42°21.45′ W70°59.37′ NOTAM FILE BOS. **NEW YORK**
(H) VOR/DME 112.7 BOS Chan 74 at General Edward Lawrence Logan Intl. 20/16W. **COPTER**
VOR portion unusable: **H–11D, 12K, L–33D, 34J**
277°–024° byd 25 NM blo 3000′
DME unusable 277°–024° byd 35 NM blo 2500′

BOSTON

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS) 1 E UTC−5(−4DT) **NEW YORK**
N42°21.78′ W71°00.39′ **COPTER**
20 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index E **H–10J, 11D, 12K, L–33D, 34J**
NOTAM FILE BOS **IAP, AD**

RWY 15R–33L: H10083X150 (ASPH–GRVD) S–200, D–200, ST–175, DT–400, DDT–800 HIRL CL
RWY 15R: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 60′. Thld dsplcd 880′. Trees.
RWY 33L: MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 57′. Boat.
RWY 04R–22L: H10005X150 (ASPH–GRVD) S–200, D–200, ST–175, DT–400, DDT–800 HIRL CL
RWY 04R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 67′.Thld dsplcd 1154′. Boat.
RWY 22L: MALSF. PAPI(P4R)—GA 3.0° TCH 55′. Thld dsplcd 1199′. Boat.
RWY 04L–22R: H7861X150 (ASPH–GRVD) S–200, D–200, ST–175, DT–400, DDT–800 HIRL
RWY 04L: REIL. PAPI(P4L)—GA 3.0°TCH 50′. Boat.
RWY 22R: PAPI(P4L)—GA 3.0° TCH 50′. Thld dsplcd 815′. Boat.
RWY 09–27: H7000X150 (ASPH–GRVD) S–200, D–200, ST–175, DT–400, DDT–800 HIRL CL
RWY 09: Boat.
RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 71′. Boat.
RWY 14–32: H5000X100 (ASPH–GRVD) S–75, D–200, ST–175, DT–400, DDT–875 HIRL
RWY 14: Bldg. **RWY 32:** REIL. PAPI (P4L)—GA 3.0° TCH 45′.
RWY 15L–33R: H2557X100 (ASPH) S–200, D–200, ST–175, DT–400, DDT–800 MIRL



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 04L	15L–33R	5250
RWY 15R	09–27	6800
RWY 22L	09–27	6400
RWY 27	04R–22L	5650

ARRESTING GEAR/SYSTEM
RWY 04L: EMAS
RWY 15R: EMAS

AIRPORT REMARKS: Attended continuously. Birds on and invof arpt. Numerous cranes on and invof arpt up to and including 250′ MSL. Between 0500–1100Z‡ Rwy 15R is preferential night rwy for tkf and Rwy 33L is preferential ngt rwy for ldg. Rwy 14–32 undirectional, no ldgs Rwy 14, no takeoffs Rwy 32. International ramp arrivals must obtain a gate assignment from international ramp control before entering ramp area. No remaining overnight parking for non-tenant charter acft without prior Massport permission. ASDE–X surveillance system in use, pilots should operate transponders with mode C on all twys and rwys. Terminal E; North and South Cargo arrivals ctc Massport Gate Control on 131.1 before entering/departing ramp area. Pilots should complete all calculations prior to pushback from gate. For noise abatement procedures call 617–561–1636 Mon–Fri 1400–2200Z‡. Touchdown and rollout rwy visual range Rwy 04L avbl. Touchdown and rollout rwy visual range Rwy 22R avbl. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Intersection Departures During Period of Darkness and Continuous Power Facilities. NOTE: See Special Notices—Boston Runway 27 Noise Abatement Departure Procedures. NOTE: See Special Notices—Land and Hold Short Lights.

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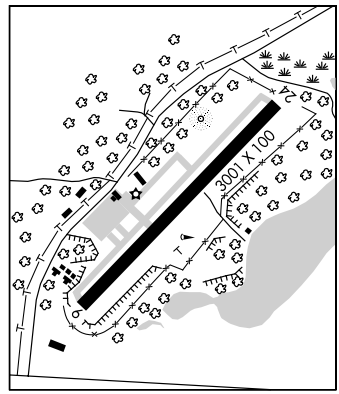
WEATHER DATA SOURCES: ASOS (617) 567–5762. LLWAS. TDWR.
COMMUNICATIONS: D–ATIS ARR 135.0 **D–ATIS DEP** 127.875 (617) 567–0160 **UNICOM** 122.95
BOSTON RCO 122.4 122.1R 112.7T (BRIDGEPORT RADIO)
Ⓡ **BOSTON APP CON** 127.2 (South) 120.6 (West) 118.25 (North) Ⓡ**BOSTON DEP CON** 133.0
BOSTON TOWER 128.8 (ARR/DEP Rwys 04L–22R, 15R–33L, 15L–33R, 14–32) 124.725 (Helicopters) 128.8 132.225 (ARR/DEP Rwys 04R–22L, 09–27) **GND CON** 121.9 121.75 **CLNC DEL** 121.65
PRE–TAXI CLNC 121.65 **GATE CON** 134.05
AIRSPACE: CLASS B See VFR Terminal Area chart
RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.
BOSTON (H) VOR/DME 112.7 BOS Chan 74 N42°21.45′ W70°59.37′ at fld. 20/16W.
LYNDY NDB (HW) 382 LQ N42°27.12′ W70°57.80′ 215° 5.7 NM to fld. Unusable 165°–035° byd 20 NM.
HULLZ NDB (LOM) 346 LI N42°18.19′ W70°55.31′ 330° 5.2 NM to fld.
MILTT NDB (LOM) 375 BO N42°16.43′ W71°02.95′ 036° 5.7 NM to fld.
ILS/DME 110.3 I–BOS Chan 40 Rwy 04R. Class IIIE. LOM MILTT NDB.
ILS/DME 110.3 I–LQN Chan 40 Rwy 22L. LOM LYNDY NDB.
ILS 110.7 I–LIP Rwy 33L. Class IIE. LOM HULLZ NDB. Loc unusable byd 33° left side of course.
ILS/DME 111.3 I–DGU Chan 50 Rwy 27. Class IE.
ILS/DME 110.7 I–MDC Chan 44 Rwy 15R.
COMM/NAV/WEATHER REMARKS: DME Channel 40 located 2171′ from stop end Rwy 04R and 260′ left of centerline is common to Rwy 22L.

CAPE COD (See MARSTON MILLS)

CAPE COD CGAS (See FALMOUTH)

CHATHAM MUNI (CQX) 2 NW UTC−5(−4DT) N41°41.30′ W69°59.37′ NEW YORK

68 B S4 **FUEL** 100LL NOTAM FILE CQX L–33D
RWY 06–24: H3001X100 (ASPH) S–30 MIRL 0.4% up NE IAP
RWY 06: Trees. **RWY 24:** Tank.
AIRPORT REMARKS: Attended 1300Z‡–dusk. ACTIVATE MIRL Rwy 06–24—122.95. Be aware of hi-speed military jet and heavy helicopter tfc in vicinity of Cape Cod CGAS. Birds primarily gulls frequently on or in vicinity of arpt. Recommended minimum altitude 2000 ft AGL from Northeast to Southeast of arpt over national seashore.
WEATHER DATA SOURCES: ASOS 135.875 (508) 945–5034.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CAPE APP/DEP CON** 118.2 (1100–0400Z‡ May 15–Sep 30; 1100–0300Z‡ Oct 1–May 14) **CLNC DEL** 127.3
BOSTON CENTER APP/DEP CON 128.75 (0400–1100Z‡ Jun 15–Sept 15; 0300–1100Z‡ Sept 16–Jun 14)
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MARCONI (H) VORW/DME 114.7 LFV Chan 94 N42°01.03′ W70°02.23′ 190° 19.8 NM to fld. 151/16W. **HIWAS**
NAUSET NDB (MHW) 279 CQX N41°41.51′ W69°59.39′ at fld. NDB unusable 220°–280° byd 20 NM.



CHESTER N42°17.48′ W72°56.96′ NOTAM FILE BTV. NEW YORK

(L) VOR/DME 115.1 CTR Chan 98 311° 17.3 NM to Pittsfield Muni. 1600/13W. H–10I, 11D, L–33C, 34J
RCO 122.1R 115.1T (BURLINGTON RADIO)

CRANLAND (See HANSON)

DALTON N42°28.26′ W73°10.21′ NOTAM FILE PSF. NEW YORK

NDB (MHW) 370 DXT 259° 6.1 NM to Pittsfield Muni. L–33B, 34J
Unusable beyond 12 NM.

DUNCA N42°16.47′ W72°01.20′ NOTAM FILE ORH. NEW YORK

NDB (LOM) 279 RS 109° 6.4 NM to Worcester Rgnl. L–33C, 34J

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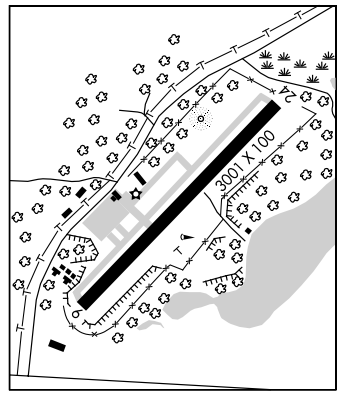
WEATHER DATA SOURCES: ASOS (617) 567–5762. LLWAS. TDWR.
COMMUNICATIONS: D–ATIS ARR 135.0 **D–ATIS DEP** 127.875 (617) 567–0160 **UNICOM** 122.95
BOSTON RCO 122.4 122.1R 112.7T (BRIDGEPORT RADIO)
Ⓡ **BOSTON APP CON** 127.2 (South) 120.6 (West) 118.25 (North) Ⓡ**BOSTON DEP CON** 133.0
BOSTON TOWER 128.8 (ARR/DEP Rwys 04L–22R, 15R–33L, 15L–33R, 14–32) 124.725 (Helicopters) 128.8 132.225 (ARR/DEP Rwys 04R–22L, 09–27) **GND CON** 121.9 121.75 **CLNC DEL** 121.65
PRE–TAXI CLNC 121.65 **GATE CON** 134.05
AIRSPACE: CLASS B See VFR Terminal Area chart
RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.
BOSTON (H) VOR/DME 112.7 BOS Chan 74 N42°21.45′ W70°59.37′ at fld. 20/16W.
LYNDY NDB (HW) 382 LQ N42°27.12′ W70°57.80′ 215° 5.7 NM to fld. Unusable 165°–035° byd 20 NM.
HULLZ NDB (LOM) 346 LI N42°18.19′ W70°55.31′ 330° 5.2 NM to fld.
MILTT NDB (LOM) 375 BO N42°16.43′ W71°02.95′ 036° 5.7 NM to fld.
ILS/DME 110.3 I–BOS Chan 40 Rwy 04R. Class IIIE. LOM MILTT NDB.
ILS/DME 110.3 I–LQN Chan 40 Rwy 22L. LOM LYNDY NDB.
ILS 110.7 I–LIP Rwy 33L. Class IIE. LOM HULLZ NDB. Loc unusable byd 33° left side of course.
ILS/DME 111.3 I–DGU Chan 50 Rwy 27. Class IE.
ILS/DME 110.7 I–MDC Chan 44 Rwy 15R.
COMM/NAV/WEATHER REMARKS: DME Channel 40 located 2171′ from stop end Rwy 04R and 260′ left of centerline is common to Rwy 22L.

CAPE COD (See MARSTON MILLS)

CAPE COD CGAS (See FALMOUTH)

CHATHAM MUNI (CQX) 2 NW UTC−5(−4DT) N41°41.30′ W69°59.37′ NEW YORK

68 B S4 **FUEL** 100LL NOTAM FILE CQX L–33D
RWY 06–24: H3001X100 (ASPH) S–30 MIRL 0.4% up NE IAP
RWY 06: Trees. **RWY 24:** Tank.
AIRPORT REMARKS: Attended 1300Z‡–dusk. ACTIVATE MIRL Rwy 06–24—122.95. Be aware of hi-speed military jet and heavy helicopter tfc in vicinity of Cape Cod CGAS. Birds primarily gulls frequently on or in vicinity of arpt. Recommended minimum altitude 2000 ft AGL from Northeast to Southeast of arpt over national seashore.
WEATHER DATA SOURCES: ASOS 135.875 (508) 945–5034.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CAPE APP/DEP CON** 118.2 (1100–0400Z‡ May 15–Sep 30; 1100–0300Z‡ Oct 1–May 14) **CLNC DEL** 127.3
BOSTON CENTER APP/DEP CON 128.75 (0400–1100Z‡ Jun 15–Sept 15; 0300–1100Z‡ Sept 16–Jun 14)
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MARCONI (H) VORW/DME 114.7 LFV Chan 94 N42°01.03′ W70°02.23′ 190° 19.8 NM to fld. 151/16W. **HIWAS**
NAUSET NDB (MHW) 279 CQX N41°41.51′ W69°59.39′ at fld. NDB unusable 220°–280° byd 20 NM.



CHESTER N42°17.48′ W72°56.96′ NOTAM FILE BTV. NEW YORK

(L) VOR/DME 115.1 CTR Chan 98 311° 17.3 NM to Pittsfield Muni. 1600/13W. H–10I, 11D, L–33C, 34J
RCO 122.1R 115.1T (BURLINGTON RADIO)

CRANLAND (See HANSON)

DALTON N42°28.26′ W73°10.21′ NOTAM FILE PSF. NEW YORK

NDB (MHW) 370 DXT 259° 6.1 NM to Pittsfield Muni. L–33B, 34J
Unusable beyond 12 NM.

DUNCA N42°16.47′ W72°01.20′ NOTAM FILE ORH. NEW YORK

NDB (LOM) 279 RS 109° 6.4 NM to Worcester Rgnl. L–33C, 34J

EDGARTOWN

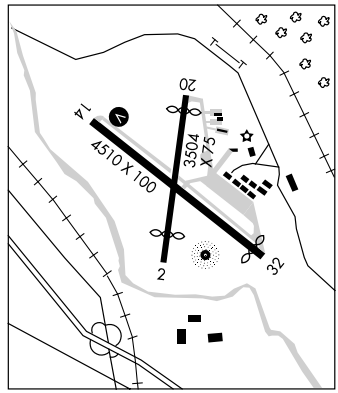
KATAMA AIRPARK (1B2) 2 S UTC−5(−4DT) N41°21.51′ W70°31.47′ **NEW YORK**
18 S2 **FUEL** 100LL TPA—1018 (1000) NOTAM FILE BDR
RWY 03–21: 3700X50 (TURF)
RWY 03: Thld dsplcd 245′. Road. **RWY 21:** Thld dsplcd 300′. Pole.
RWY 06–24: 2700X50 (TURF)
RWY 06: Thld dsplcd 300′. Road. **RWY 24:** Road.
RWY 17–35: 2600X50 (TURF)
RWY 17: Thld dsplcd 200′. Building.
AIRPORT REMARKS: Attended May 15–Sep 15 dawn–dusk. Be aware of hi-speed military jet and heavy helicopter tfc vicinity of Cape Cod CGAS. Rwy 03 and 21 and 06 and 17 dsplcd thlds marked with flush white paving blocks.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.

FALMOUTH

CAPE COD CGAS (FMH) (KFMH) ANG (ARNG CG) 1E UTC−5(−4DT) N41°39.51′ W70°31.291′ **NEW YORK**
131 B TPA—See Remarks NOTAM FILE BDR Not insp. **H–10J, 11D, 12K, L–33D**
RWY 14–32: H9500X150 (PEM) S–65, T–160, ST–175, TT–330 PCN 26 F/A/W/T HIRL **IAP, DIAP, AD**
RWY 14: PAPI(P4L)—GA 2.5°. **RWY 32:** SALSF. PAPI(P4L).
RWY 05–23: H8000X150 (PEM) S–65, T–160, ST–175, TT–330 PCN 33 F/A/W/T HIRL
RWY 05: AF OVRN. PAPI(P4L)—GA 2.5°. **RWY 23:** ALSF1. PAPI(P4L).
MILITARY SERVICE: LGT PAPI glide slope 2.5°. Rwy 23 and Rwy 32 ILS and PAPI glide slope not coincidental.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Info. **RSTD** 24 hr PPR req for all acft not base assigned. Ctc USCG Ops C508–968–6360/6361 to obtain PPR. No tran svcs avbl including fuel. ANG ramp clsd. ANG apron is the only apron capable of accepting C5 at gross weight. **CAUTION** Many lgt acft transiting area. Extensive bird activity vicinity all rwys especially during low ceiling and wet wx. **TFC PAT** Army acft tfc pat alt NSTD, Rotary/Wing 1000(869), Fixed Wing 1600(1469). Jet overhead 2100 (1969). **MISC** First 300′ Rwy 05 and Rwy 23 concrete, mid portion asphalt. First 2800′ Rwy 14 and first 500′ Rwy 32 concrete, mid portion asphalt. Rwy 14–32 and Rwy 5–23 have 25′ shoulders. PPR rqrd if ACN exceeds published PCN. Ctc USCG airfield mgmt C508–968–6673/6674 to obtain approval. **ARNG** Opr Mon–Fri 1200–2000Z‡. Limited svc may be avbl Sat–Sun with prior coord. RSTD Official Business Only. ARNG OPS C508–968–5850 or DSN 557–5850. Ctc ''Yankee OPS'' 10 min prior to arrival on 242.4, 138.5, 46.85. Flt crew brief rqrd prior to ops in R–4101. Ctc OSA F/W det C508–968–5291/5292 or DSN 557–5291/5292 to coordinate JOSAC pax arr/dep. **CG** PPR req for Coast Guard ramp; ltd svc may be avbl with prior coordination C508–968–6360/6361, DSN 557–6360/6361, or C800–673–1056. Arr acft ctc Cape Cod Air 345.0, 122.975 or 164.55 15 minutes prior to arrival. Ltd Fuel avbl dependent on CG SAR ops. Boarding ramps not avbl.
COMMUNICATIONS: ATIS 120.475 236.825
Ⓡ **APP CON** 118.2 118.75 284.6 (North) 126.3 318.1 (South) Remarks: Opr 5 May–30 Sep, 1100–0400Z‡, 1 Oct–14 May 1100–0300Z‡, other times ctc **BOSTON CENTER APP CON** 132.9 387.1
COAST GUARD TOWER 121.0 291.1 236.6 **GND CON** 124.15 275.8
Ⓡ **DEP CON** 284.6 291.1 (North) 318.1 (South) Remarks: 15 May–30 Sep. 1100–0400Z‡, 1 Oct–14 May 1100–0300Z‡), other times ctc **BOSTON CENTER DEP CON** 132.9 387.1
ARNG 242.4 46.85 138.5 **ANG BASE OPS** 372.2
CG CAPE COD AIR 122.975 164.55 345.0 (164.55 VHF–FM). Remarks: (345.0 Opr Mon–Fri 1230–2030Z‡ except holidays.)
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
OTIS (L) TACAN Chan 105 FMH (115.8) N41°39.58′ W70°30.84′ at fld. 120/15W. No NOTAM MP Mon 1500–1600Z‡.
ILS Y 110.1 I–FMH Rwy 23. Back course unusable. No NOTAM MP Tue and Thu 1230–1430Z‡.
ILS 109.9 I–BNX Rwy 32. Back course unusable. No NOTAM MP Tue and Thu 1230–1430Z‡.

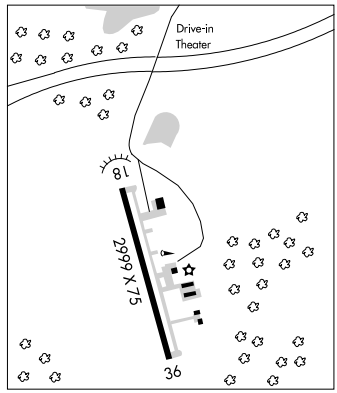
FALMOUTH AIRPARK (5B6) 4 NE UTC−5(−4DT) N41°35.14′ W70°32.42′ **NEW YORK**
43 B S2 **FUEL** 100LL TPA—1043(1000) NOTAM FILE BDR
RWY 07–25: H2298X40 (ASPH) S–4 LIRL
RWY 07: TRCV(TRIL). Trees. Rgt tfc. **RWY 25:** TRCV(TRIL). Trees.
AIRPORT REMARKS: Attended Jun–Aug, Thu–Mon 1300–2130Z‡, Sep–May irregularly. CAUTION: Turf around Rwy 07–25 soft after rain. Be aware of hi speed military jet and heavy helicopter tfc vicinity of Cape Cod CGAS. Airport CLOSED to acft exceeding 5000 lbs published maximum gross weight. Transient ops daytime only. No night transient tkfs or ldgs. ACTIVATE LIRL Rwy 07–25 and TRIL Rwys 07 and 25—122.7. Prop–locks required for all acft remaining overnight.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.

FITCHBURG MUNI (FIT) 3 SE UTC−5(−4DT) N42°33.25′ W71°45.54′ **NEW YORK**
348 B S4 **FUEL** 100LL, JET A OX 3 TPA–1350(1002) NOTAM FILE FIT **L–33C, 34J**
RWY 14–32: H4510X100 (ASPH) S–30, D–41 MIRL 0.3% up NW **IAP**
RWY 14: VASI(V2L)—GA 3.0°. Trees.
RWY 32: REIL. Thld dsplcd 242′. Trees.
RWY 02–20: H3504X75 (ASPH) S–30, D–41 0.5% up N
RWY 02: Thld dsplcd 567′. Trees.
RWY 20: Thld dsplcd 459′. Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Sfc winds less than 5 kts preferred Rwy 32. ACTIVATE VASI Rwy 14; MIRL Rwy 14–32; REIL Rwy 32—123.0. Rotating bcn not avbl during dalgt IFR conditions. Twy lgts last third of twy to Rwy 20 unlgtd. Ldg fee for corporate and commercial flights only.
WEATHER DATA SOURCES: ASOS 135.175 (978) 343–9121
COMMUNICATIONS: CTAF/UNICOM 122.7
RCO 118.025 (BRIDGEPORT RADIO)
Ⓡ **BOSTON APP/DEP CON** 124.4
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76′ W72°03.49′ 102° 13.3 NM to fld. 1280/14W
NDB (MHW) 365 FIT N42°33.06′ W71°45.43′ at fld. NDB located 1207′ from apch end Rwy 32; offset 565′ left of centerline.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.



GARDNER N42°32.76′ W72°03.49′ NOTAM FILE BDR. **NEW YORK**
(L) VOR/DME 110.6 GDM Chan 43 097° 1.9 NM to Gardner Muni. 1280/14W. **H–11D, 12J, L–33C, 34J**
RCO 122.1R 110.6T (BRIDGEPORT RADIO)

GARDNER MUNI (GDM) 2 SW UTC−5(−4DT) N42°32.99′ W72°00.96′ **NEW YORK**
955 B S2 **FUEL** 100LL NOTAM FILE BDR **L–33C, 34J**
RWY 18–36: H2999X75 (ASPH) S–25 MIRL 1.0% up N **IAP**
RWY 18: Trees. **RWY 36:** Trees.
AIRPORT REMARKS: Attended irregularly. No radio controlled aircraft on and invof arpt. ACTIVATE MIRL Rwy 18–36—122.8.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.1R 110.6T (BRIDGEPORT RADIO)
Ⓡ **BOSTON CENTER APP/DEP CON** 123.75
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
(L) VOR/DME 110.6 GDM Chan 43 N42°32.76′ W72°03.49′ 097° 1.9 NM to fld. 1280/14W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport FSS (BDR) 1–866–293–5149.

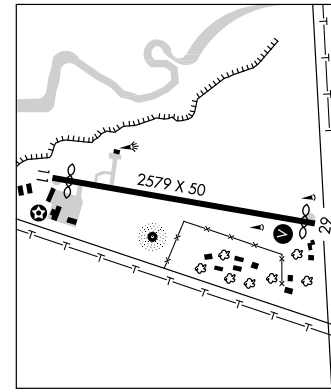


GENERAL EDWARD LAWRENCE LOGAN INTL (See BOSTON)

GOZZR N42°15.59′ W71°44.12′ NOTAM FILE ORH. **NEW YORK**
NDB (LOM) 417 EK 289° 6.3 NM to Worchester Rgnl.

GREAT BARRINGTON

WALTER J. KOLADZA (GBR) 2 W UTC−5(−4DT) N42°11.05′ W73°24.19′ — NEW YORK
739 B S4 **FUEL** 100LL NOTAM FILE BTV — L–33B, 34I
RWY 11–29: H2579X50 (ASPH) S–8 LIRL — IAP
RWY 11: REIL. Thld dsplcd 170′. Trees.
RWY 29: VASI(NSTD)—GA 3.0° TCH 13′. Thld dsplcd 75′. Trees.
AIRPORT REMARKS: Attended dalgt hours. Arpt lgts opr dusk–0400Z‡. Deer and birds on and invof arpt. Practice VFR GPS Rwy 11 not authorized when Rwy 29 is in use for student tfc. Touch and go ldg not authorized. Rwy 11 lgtd thld relocated 170 ft; 2409 ft of rwy usable for ngt ops. ACTIVATE LIRL Rwy 11–29; VASI Rwy 29; REIL Rwy 11 and rotating bcn—121.6. VASI OTS indef.
COMMUNICATIONS: CTAF/UNICOM 122.8
ALBANY APP/DEP CON 132.825
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
CHESTER (L) VOR/DME 115.1 CTR Chan 98 N42°17.48′ W72°56.96′ 266° 21.2 NM to fld. 1600/13W.
GREAT BARRINGTON NDB (MHW) 395 GBR N42°10.98′ W73°24.24′ at fld. Unusable byd 15 NM.



GREAT BARRINGTON N42°10.98′ W73°24.24′ NOTAM FILE BTV. — NEW YORK
NDB (MHW) 395 GBR at Walter J. Koladza — L–33B, 34I
Unusable byd 15 NM.

HAGET N42°38.65′ W71°11.83′ NOTAM FILE LWM. — NEW YORK
NDB (LOM) 402 LW 052° 5.5 NM to Lawrence Muni. — COPTER

HALIFAX

MONPONSETT POND SPB (MA6) 2 NW UTC−5(−4DT) N42°00.59′ W70°50.59′ — NEW YORK
52 S2 **FUEL** 100LL NOTAM FILE BDR — COPTER
WATERWAY 17–35: 4600X500 (WATER)
WATERWAY 17: Trees. **WATERWAY 35:** Rgt tfc.
WATERWAY 10–28: 3200X300 (WATER)
WATERWAY 10: P-line. Rgt tfc. **WATERWAY 28:** Trees.
SEAPLANE REMARKS: Attended continuously.
COMMUNICATIONS: CTAF 122.9

HANSON

CRANLAND (28M) 3 SE UTC−5(−4DT) N42°01.51′ W70°50.29′ — NEW YORK
71 S2 **FUEL** 100LL NOTAM FILE BDR — COPTER
RWY 18–36: H1860X60 (ASPH) S–8
RWY 18: Trees. **RWY 36:** Thld dsplcd 507′. Trees.
AIRPORT REMARKS: Attended Mon–Fri 1400–2200Z‡. Open excavation and 8′ dirt mound north of Rwy 18–36.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.

HARRIMAN–AND–WEST (See NORTH ADAMS)

HOPEDALE INDUSTRIAL PARK (1B6) 3 SE UTC−5(−4DT) N42°06.39′ W71°30.61′ **NEW YORK L–33C, 34J IAP**

269 B S2 **FUEL** 100LL NOTAM FILE BDR

RWY 18–36: H3172X90 (ASPH) S–12 LIRL 1.0% up N

RWY 18: Trees. **RWY 36:** Thld dsplcd 110′. Trees.

AIRPORT REMARKS: Attended Mon–Fri dawn–dusk. Arpt CLOSED to transient acft SS–SR. Arpt CLOSED to transient student training. Arpt CLOSED to jets and ngt ldgs except PPR call 508–478–1726. Rwy 18 two story house 27′ AGL (291′ MSL) located approximately 400′ NW rwy thld. Rwy lgts and rotating bcn opr dusk–0300Z‡.

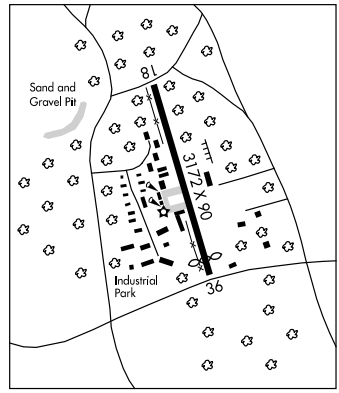
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BRADLEY APP/DEP CON** 119.0

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33′ W71°50.65′ 073° 17.5 NM to fld. 650/14W.

COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.



HULLZ N42°18.19′ W70°55.31′ NOTAM FILE BOS.

NDB (LOM) 346 LI 330° 5.2 NM to General Edward Lawrence Logan Intl.

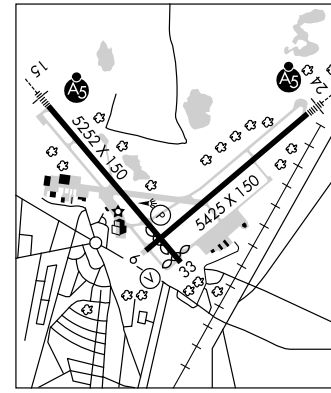
HYANNIS N41°40.16′ W70°16.82′ **NEW YORK L–33D**

RCO 126.425 (BRIDGEPORT RADIO)

HYANNIS

BARNSTABLE MUNI–BOARDMAN/POLANDO FLD (HYA) 1 N UTC−5(−4DT) **NEW YORK COPTER**
N41°40.16′ W70°16.82′ **H–10J, 11D, 12K, L–33D**
54 B S4 **FUEL** 100LL, JET A Class I, ARFF Index A NOTAM FILE HYA **IAP, AD**

RWY 06–24: H5425X150 (ASPH–GRVD) S–30, D–108, ST–137 HIRL
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 36′. Thld dsplcd 406′.
RWY 24: MALSR. Train.
RWY 15–33: H5253X150 (ASPH–GRVD) S–30, D–108, ST–137 HIRL
RWY 15: MALSR. P–line.
RWY 33: VASI(V4L)—GA 3.0° TCH 45′. Thld dsplcd 150′. Tree.



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 15	06–24	4150
RWY 24	15–33	4650

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06:	TORA–5425	TODA–5425	ASDA–5425	LDA–5019
RWY 15:	TORA–5252	TODA–5252	ASDA–5252	LDA–5252
RWY 24:	TORA–5425	TODA–5425	ASDA–5425	LDA–5425
RWY 33:	TORA–5252	TODA–5252	ASDA–5252	LDA–5102

ARRESTING GEAR/SYSTEM
RWY 24: EMAS

AIRPORT REMARKS: Attended continuously. CLOSED to unscheduled air carrier ops with more than 9 passenger seats 0500–1100Z‡ except 1 hr PPR arpt manager 508–778–7770. Be aware of hi-speed military jet and heavy helicopter tfc vicinity of Cape Cod CGAS. Do not confuse Cape Cod CGAS—10 NM W—with Barnstable Muni. Birds, deer, and coyotes on and invof arpt. Arpt has noise abatement ctc arpt manager 508–778–7765. Touch and go ops prohibited between 0200–1059Z‡ unless prior approval by arpt manager. Twy B from Rwy 33 to east ramp has soft shoulders and marked. Rwy 15 touchdown rwy visual range avbl. All transient and general aviation pilots must ctc arpt ops on frequency 122.95 prior to engine shutdown for airfield escort. ACTIVATE HIRL Rwy 06–24 and HIRL Rwy 15–33 and MALSR Rwys 15 and 24—CTAF. Ldg fee for all acft over 6000 lbs.

WEATHER DATA SOURCES: ASOS (508) 862–2601. LAWRS.

COMMUNICATIONS: CTAF 119.5 **ATIS** 123.8 (508–778–1143) **UNICOM** 122.95
HYANNIS RCO 126.425 (BRIDGEPORT RADIO)
Ⓡ **CAPE APP/DEP CON** 118.2 (1100–0400Z‡) May 15–Sep 30, (1100–0300Z‡) Oct 1–May 14). **CLNC DEL** 125.15
BOSTON CENTER APP/DEP CON 128.75 (0400–1100Z‡) May 15–Sep 30, (0300–1100Z‡) Oct 1–May 14.
HYANNIS TOWER 119.5 1100–0300Z‡. **GND CON** 121.9

AIRSPACE: CLASS D svc 1100–0300Z‡ other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE MVY.
MARTHAS VINEYARD (L) VOR/DME 114.5 MVY Chan 92 N41°23.77′ W70°36.76′ 057° 22.2 NM to fld. 60/15W.
BOGEY NDB (LOM) 342 HY N41°42.97′ W70°12.18′ 246° 4.5 NM to fld. Unmonitored when twr clsd.
ILS/DME 108.95 I–BCU Chan 26(Y) Rwy 15. Class IB. (LOC only).
ILS 109.15 I–HYA Chan 28(Y) Rwy 24. Class IT. LOM BOGEY NDB. ILS unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at tower.

KATAMA AIRPARK (See EDGARTOWN)

LAURENCE G HANSCOM FLD (See BEDFORD)

LAWRENCE MUNI (LWM) 2 E UTC−5(−4DT) N42°43.03′ W71°07.41′ — NEW YORK COPTER H–11D, 12K, L–33D IAP, AD

148 B S4 **FUEL** 100LL, JET A LRA NOTAM FILE LWM

RWY 05–23: H5001X150 (ASPH) S–45, D–62, DT–110 HIRL

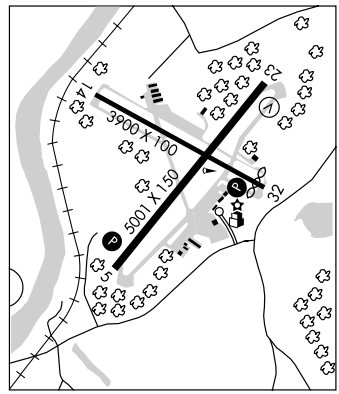
RWY 05: REIL. PAPI(P4L)–GA 3.0° TCH 55′.

RWY 23: REIL. VASI(V4L)—GA 3.7° TCH 54′. Trees.

RWY 14–32: H3900X100 (ASPH) S–30, D–34, DT–53 MIRL 0.7% up SE

RWY 32: REIL. PAPI(P4L)–GA 4.0° TCH 32′. Thld dsplcd 190′. Trees.

AIRPORT REMARKS: Attended 1200Z‡–0300Z‡. Lgtd stack 296′ MSL 1/2 mile NW apch end Rwy 23. Birds frequently on or invof arpt; occasional deer on rwy. No transient touch and go ops Sat and Sun. Use reasonable efforts to maintain manufacturer's recommended rate of climb. Clsd tfc pattern initiate turn out at 700′ AGL. Clsd tfc pattern opr limited to no more than 5 acft at a time. REIL Rwy 32 OTS indef. ACTIVATE HIRL Rwy 05–23; MIRL Rwy 14–32; REIL Rwys 05, 23 and 32; PAPI Rwys 05, 32–CTAF. Ldg Fee for acft registered to corporation only. Flight Notification Service (ADCUS) available.



WEATHER DATA SOURCES: ASOS 126.75 (0300–1200Z‡) (978) 687–8017. LAWRS.

COMMUNICATIONS: CTAF 119.25 **ATIS** 126.75 **UNICOM** 122.8

RCO 122.1R 112.5T (BRIDGEPORT RADIO)

Ⓡ **BOSTON APP/DEP CON** 124.4 **CLNC DEL** 126.15 (when twr clsd)

TOWER 119.25 (1200–0300Z‡) **GND CON** 124.3 **CLNC DEL** 124.3

AIRSPACE: CLASS D svc 1200–0300Z‡ other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LWM.

(L) VOR/DME 112.5 LWM Chan 72 N42°44.42′ W71°05.69′ 237° 1.9 NM to fld. 302/15W. DME unusable 160°–195° beyond 23 NM below 2500′.

HAGET NDB (LOM) 402 LW N42°38.65′ W71°11.83′ 052° 5.5 NM to fld.

ILS 111.7 I–LWM Rwy 05. Class IB. LOM HAGET NDB.

LYNDY N42°27.12′ W70°57.80′ NOTAM FILE BOS. — NEW YORK COPTER L–33D

NDB (HW) 382 LQ 215° 5.7 NM to General Edward Lawrence Logan Intl. NDB unusable 165°–035° byd 20 NM.

MANSFIELD MUNI (1B9) 2 SE UTC−5(−4DT) N42°00.01′ W71°11.81′ — NEW YORK COPTER L–33D, 34J IAP

122 B S4 **FUEL** 100LL NOTAM FILE BDR

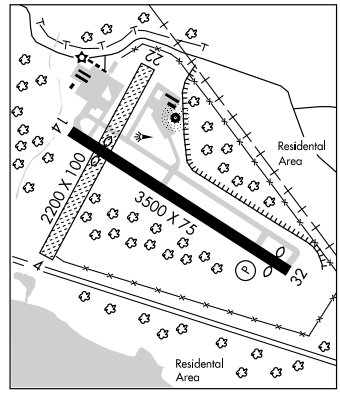
RWY 14–32: H3500X75 (ASPH) S–26 MIRL

RWY 14: Thld dsplcd 507′. Trees. **RWY 32:** PAPI(P4L)—GA 4.0° TCH 38′. Thld dsplcd 236′. Trees.

RWY 04–22: 2200X100 (TURF)

RWY 04: Trees. **RWY 22:** Trees.

AIRPORT REMARKS: Attended 1300Z‡–dusk. Turf strip CLOSED winter months and after heavy rains. Deer on and in vicinity of arpt. No touch and go landings 0200–1300Z‡. Upon departure of Rwy 32 turn left to 290°. No right turns on departure from Rwy 32 until 1,000′ MSL. Upon departure of Rwy 14 no left turns until 824 ft MSL. ACTIVATE MIRL Rwy 14–32—CTAF.



COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 121.725 (BRIDGEPORT RADIO)

Ⓡ **BOSTON APP/DEP CON** 124.1

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33′ W71°50.65′ 099° 29.1 NM to fld. 650/14W.

NDB (MHW) 220 IHM N42°00.17′ W71°11.83′ at fld. Unmonitored 0300–1800Z‡.

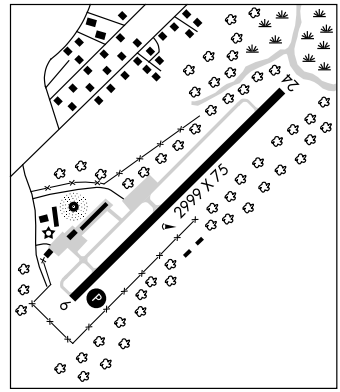
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.

MARCONI N42°01.03′ W70°02.23′ NOTAM FILE BDR. — NEW YORK

(H) VORW/DME 114.7 LFV Chan 94 308° 8.8 NM to Provincetown Muni. 151/16W. **HIWAS.** H–10J, 11D, 12K, L–33D

MARLBORO (9B1) 2 E UTC−5(−4DT) N42°20.59′ W71°30.54′ **NEW YORK**
285 S4 **FUEL** 100LL TPA—1385(1100) NOTAM FILE BDR **COPTER**
RWY 14–32: H1659X45 (ASPH) S–9
RWY 14: Trees. **RWY 32:** Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. No touch and go landings. No ngt ops. No low apchs blo 500′ AGL.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.

MARSHFIELD MUNI–GEORGE HARLOW FLD (GHG) 2 E UTC−5(−4DT) N42°05.90′ W70°40.33′ **NEW YORK**
9 B S4 **FUEL** 100LL, JET A OX 1, 3 NOTAM FILE BDR **COPTER**
RWY 06–24: H2999X75 (ASPH) S–12.5 MIRL **L–33D**
RWY 06: REIL. PAPI(P4R)—GA 4.0° TCH 40′. Trees. **IAP**
RWY 24: Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. After hrs service by request. Birds and wildlife on and invof arpt. Extensive flt training activity. Voluntary noise abatement procedures in effect. No touch and go ldgs between 2100–0730 local. Security procedures in effect. All engine runups at midfield ramp. ACTIVATE MIRL Rwy 06–24, REIL and PAPI Rwy 06—CTAF.
WEATHER DATA SOURCES: AWOS–3 120.0 (781) 837–0555. LAWRS
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON APP/DEP CON** 124.1
RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.
BOSTON (H) VOR/DME 112.7 BOS Chan 74 N42°21.45′ W70°59.37′ 154° 21 NM to fld. 20/16W.
NDB (MHW) 368 IMR N42°05.88′ W70°40.55′ at fld. NOTAM FILE 3B2. NDB unmonitored. NDB located 800′ inbound of AER 06, 550′ northwest of centerline.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.



MARSTON MILLS

CAPE COD (2B1) 5 SE UTC−5(−4DT) N41°41.12′ W70°24.14′ **NEW YORK**
103 S2 **FUEL** 100LL TPA—803(700) NOTAM FILE BDR
RWY 09–27: 2700X60 (TURF)
RWY 09: Trees. **RWY 27:** Trees.
RWY 17–35: 2060X60 (TURF)
RWY 17: Trees. **RWY 35:** P–line.
RWY 05–23: 2035X50 (TURF)
RWY 05: Trees. **RWY 23:** Trees.
AIRPORT REMARKS: Attended dalgt hours. Parachute Jumping. Be aware of hi-speed military jet and heavy helicopter tfc vicinity of Cape Cod CGAS. Be alert for radio control airplanes NE corner air fld. PPR for Rwy 05–23 ops. Banner tow ops in progress Jun thru Aug north side of airfield. Glider tow ops during dalgt hours. Rwy 35 also has trees.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.

MARTHAS VINEYARD (See VINEYARD HAVEN)

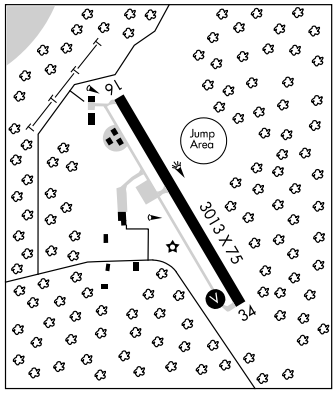
MILTT N42°16.43′ W71°02.95′ NOTAM FILE BOS.
NDB (LOM) 375 BO 036° 5.7 NM to General Edward Lawrence Logan Intl.

MINUTE MAN AIR FIELD (See STOW)

MONPONSETT POND SPB (See HALIFAX)

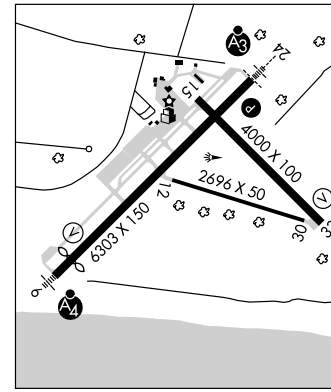
MONTAGUE

TURNERS FALLS (ØB5) 3 N UTC−5(−4DT) N42°35.48′ W72°31.37′ **NEW YORK**
356 B S4 **FUEL** 100LL NOTAM FILE BTV **L–33C, 34J**
RWY 16–34: H3013X75 (ASPH) S–30 MIRL 0.3% up SE **IAP**
RWY 16: Trees.
RWY 34: REIL. VASI(V2L)—GA 4.3°TCH 46′. Trees.
AIRPORT REMARKS: Attended 1330–2230Z‡. Parachute Jumping. Noise abatement procedures Rwy 34, calm wind rwy, wind 3–5 Kts or less, heading of 335° after departure. Acft departing Rwy 34 will avoid overflight of residential and commercial areas by taking a heading of 335°. Rwy 34 REIL OTS indef. Rwy 34 VASI OTS indef. ACTIVATE MIRL Rwy 16–34; VASI Rwy 34 and REIL Rwy 34—CTAF.
COMMUNICATIONS: CTAF 123.0 **UNICOM** 123.0 (1300–2300Z‡)
BOSTON CENTER APP/DEP CON 123.75
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76′ W72°03.49′ 292° 20.8 NM to fld. 1280/14W.



MYRICKS (See BERKLEY)

NANTUCKET MEM (ACK) 3 SE UTC−5(−4DT) N41°15.19′ W70°03.62′ **NEW YORK**
47 B **FUEL** 100LL, JET A Class I, ARFF Index B NOTAM FILE ACK **H–10J, 12K, L–33D**
RWY 06–24: H6303X150 (ASPH) S–75, D–170, ST–175, DT–280 HIRL CL 0.3% up NE. **IAP, AD**
RWY 06: MALSF. VASI(V4L)—GA 3.0°. Thld dsplcd 537′.
RWY 24: SSALR. TDZL. PAPI(P4L)–GA 3.0° TCH 48′.
RWY 15–33: H4000X100 (ASPH) S–60, D–85, ST–108, DT–155
MIRL
RWY 15: REIL. Building.
RWY 33: REIL. VASI(V4R)—GA 3.0°TCH 43′.
RWY 12–30: H2696X50 (ASPH) S–12.5



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 06	15–33	4316
RWY 33	06–24	3150

RUNWAY DECLARED DISTANCE INFORMATION

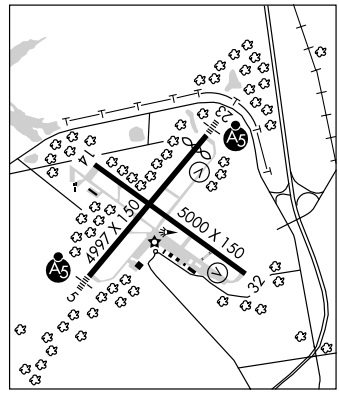
RWY 06:	TORA–6303	TODA–6303	ASDA–6303	LDA–5752
RWY 12:	TORA–2696	TODA–2696	ASDA–2696	LDA–2696
RWY 15:	TORA–4000	TODA–4000	ASDA–4000	LDA–4000
RWY 24:	TORA–6303	TODA–6303	ASDA–6303	LDA–6303
RWY 30:	TORA–2696	TODA–2696	ASDA–2696	LDA–2696
RWY 33:	TORA–4000	TODA–4000	ASDA–4000	LDA–4000

AIRPORT REMARKS: Attended continuously. Be aware of hi-speed military jet and heavy helicopter tfc vicinity of Cape Cod CGAS. Deer and birds on and invof arpt. Rwy 12–30 VFR/Day use only aircraft under 12,500 lbs. Arpt has noise abatement procedures ctc Noise Officer 508–325–5300. PPR 2 hours for unscheduled air carrier ops with more than 9 passenger seat, call arpt manager 508–325–5300. Rwy 06 touchdown and rollout runway visual range avbl. Rwy 24 midpoint and rollout runway visual range avbl. When twr clsd ACTIVATE MALSF Rwy 06; SSALR Rwy 24; HIRL Rwy 06–24; MIRL Rwy 15–33; PAPI Rwy 24 and twy lgts—CTAF. VASI Rwy 06 and Rwy 33 opr 24 hrs. Rwy 24 SSALR unmonitored when twr clsd. Twy F between A and B clsd indef. Twy F prohibited to air carrier acft with more than 9 passenger seats when twr clsd. Fee for non-commercial acft parking over 2 hrs or over 6000 lbs. NOTE: See Special Notices—VFR Noise Abatement Procedures.
WEATHER DATA SOURCES: ASOS (508) 325–6082. LAWRS.
COMMUNICATIONS: CTAF 118.3 **ATIS** 127.5 (508–228–5375) **UNICOM** 122.95
RCO 122.1R 116.2T (BRIDGEPORT RADIO)
Ⓡ **CAPE APP/DEP CON** 126.1 (1100–0400Z‡) May 15–Sept 30, (1100–0300Z‡) Oct 1–May 14.
BOSTON CENTER APP/DEP CON 128.75 (0400–1100Z‡) May 15–Sept 30, (0300–1100Z‡) Oct 1–May 14.
TOWER 118.3 May 15–Sep 30 (1100–0300Z‡), Oct 1–May 14 (1100–0200Z‡).
GND CON 121.7 **CLNC DEL** 119.375
AIRSPACE: CLASS D svc May 15–Sep 30 1100–0300Z‡, Oct 1–May 14 1100–0200Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE ACK.
(H) VOR/DME 116.2 ACK Chan 109 N41°16.91′ W70°01.60′ 236°2.3 NM to fld. 99/15W.
WAIVS NDB (LOM) 248 AC N41°18.68′ W69°59.21′ 240° 4.8 NM to fld.
ILS/DME 109.1 I–ACK Chan 28 Rwy 24. Class IE. LOM WAIVS NDB. ILS unmonitored when twr clsd.
ILS/DME 109.1 I–RNE Chan 28 Rwy 06. Class IE.

NAUSET N41°41.51′ W69°59.39′ NOTAM FILE BDR. **NEW YORK**
NDB (MHW) 279 CQX at Chatham Muni. NDB unusable 220°–280° byd 20 NM. **L–33D**

NEFOR N41°37.30′ W71°01.06′ NOTAM FILE EWB.
NDB (LOM) 274 EW 055° 4.3 NM to New Bedford Rgnl.

NEW BEDFORD RGNL (EWB) 2 NW UTC−5(−4DT) N41°40.59′ W70°57.47′ **NEW YORK**
79 B S4 **FUEL** 100LL, JET A OX 3, 4 LRA NOTAM FILE EWB **H–10J, 11D, 12J, L–33D**
RWY 14–32: H5000X150 (ASPH) S–33, D–48, DT–95 MIRL **IAP, AD**
RWY 14: Tree.
RWY 32: REIL. VASI(V4L)—GA 3.0°TCH 52′. Trees.
RWY 05–23: H4997X150 (ASPH) S–30, D–108, ST–137, DT–195
HIRL 0.3% up NE
RWY 05: MALSR.
RWY 23: MALSR. VASI(V4L)—GA 3.1° TCH 31′. Thld dsplcd 414′.
AIRPORT REMARKS: Attended 1100–0500Z‡. Birds and deer on and invof arpt. When twr clsd ACTIVATE HIRL Rwy 05–23, MIRL Rwy 14–32, MALSR Rwys 05 and Rwy 23, REIL Rwy 32—CTAF. VASI Rwys 23 and 32 ops 24 hours. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (508) 992–0195. LAWRS.
COMMUNICATIONS: CTAF 118.1 **ATIS** 126.85 508–994–6277.
UNICOM 122.95
Ⓡ **PROVIDENCE APP/DEP CON** 128.7 (1045–0500Z‡)
BOSTON CENTER APP/DEP CON 124.85 (0500–1045Z‡)
TOWER 118.1 (1200–0300Z‡) **GND CON** 121.9
AIRSPACE: CLASS D svc 1200–0300Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.
PROVIDENCE (H) VORTACW 115.6 PVD Chan 103 N41°43.46′ W71°25.78′ 112° 21.4 NM to fld. 49/14W.
HIWAS.
NEFOR NDB (LOM) 274 EW N41°37.30′ W71°01.06′ 055° 4.3 NM to fld.
ILS/DME 109.7 I–EWB Chan 34 Rwy 05. LOM NEFOR NDB. LOC backcourse and backcourse DME unusable byd 12 NM. LOC backcourse and backcourse DME unusable 15° left and right of course. Autopilot coupled apch blo 470′ not authorized. ILS unmonitored when twr clsd.

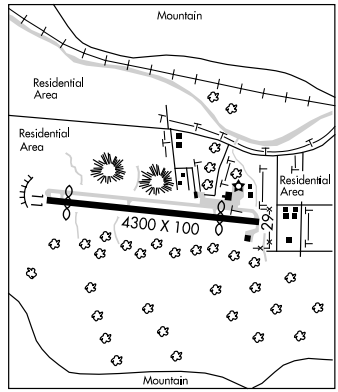


NEWBURYPORT

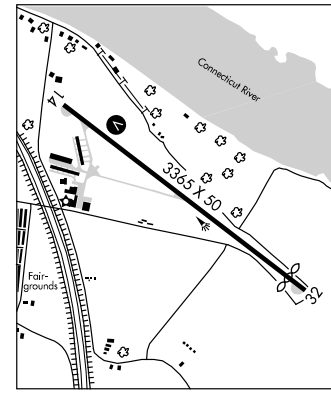
PLUM ISLAND (2B2) 1 SE UTC−5(−4DT) N42°47.72′ W70°50.37′ **NEW YORK**
11 S2 **FUEL** 100LL TPA—See Remarks NOTAM FILE BDR
RWY 14–32: 2300X100 (TURF–GRVL)
RWY 14: Trees **RWY 32:** Trees
RWY 10–28: H2105X50 (ASPH) S–8
RWY 10: Trees. **RWY 28:** Thld dsplcd 300′. Fence.
AIRPORT REMARKS: Attended Apr–Sep 1300–2300Z‡. Attended irregularly Oct–Mar. Ultralight pattern altitude 411(400). Rwy 10–28 outlined with reflectors.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **BOSTON APP/DEP CON** 124.4
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.

NORTH ADAMS

HARRIMAN–AND–WEST (AQW) 3 W UTC−5(−4DT) N42°41.77′ W73°10.21′ **NEW YORK**
654 B S6 **FUEL** 100LL, JET A OX 3 TPA—1654(1000) NOTAM FILE AQW **L–32G, 33B, 34J**
RWY 11–29: H4300X100 (ASPH) S–25 MIRL
RWY 11: Thld dsplcd 1180′. Trees.
RWY 29: Thld dsplcd 800′. Trees.
AIRPORT REMARKS: Attended dawn–dusk. Mountain ranges 9,100 ft north at elev 1,894 ft; 4,300 ft north at elev 2,254 ft; 10,800 ft south at elev 2,951 ft; 12,800 ft south at elev 2,690 ft. Extensive glider operations sunrise–sunset surface–18,000 ft year round, primarily weekends and holidays. Deer and birds on and invof arpt. ACTIVATE MIRL Rwy 11–29—CTAF.
WEATHER DATA SOURCES: ASOS 134.775 (413) 664–6658.
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
CAMBRIDGE (L) VORW/DME 115.0 CAM Chan 97 N42°59.66′ W73°20.64′ 171° 19.5 NM to fld. 1490/14W. **HIWAS.**



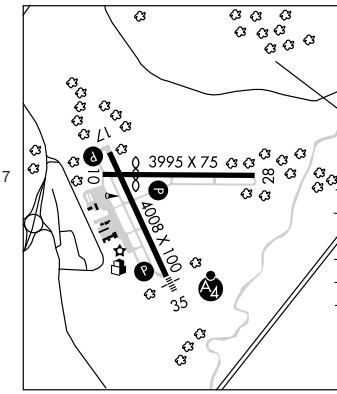
NORTHAMPTON (7B2) 1 NE UTC−5(−4DT) N42°19.69′ W72°36.69′ **NEW YORK**
121 B S2 **FUEL** 100LL NOTAM FILE BTV **L–33C, 34J**
RWY 14–32: H3365X50 (ASPH) S–7.5 HIRL **IAP**
RWY 14: VASI(V4L)—GA 4.0° TCH 58′. Trees.
RWY 32: Thld dsplcd 250′. Trees.
AIRPORT REMARKS: Attended 1300–2300Z‡. Fuel is 24 hr self–serve. Arpt CLOSED to acft and helicopters certified for 12,500 pounds and over. Rwy 14 VASI unusable beyond 1° left of center line. ACTIVATE HIRL Rwy 14–32 and VASI Rwy 14—CTAF. Landing fee for commercial acft. Fee and PPR for commercial balloon ops.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **BRADLEY APP/DEP CON** 125.35 **CLNC DEL** 133.6
RADIO AIDS TO NAVIGATION: NOTAM FILE CEF.
BARNES (L) VORTAC 113.0 BAF Chan 77 N42°09.72′ W72°42.97′ 039° 11 NM to fld. 270/14W.



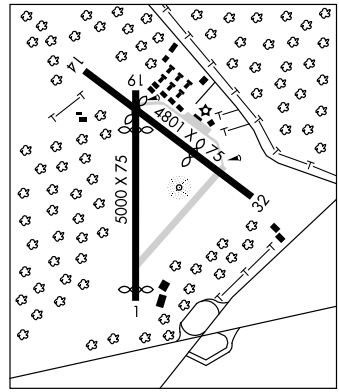
NORWOOD MEM (OWD) 2 E UTC−5(−4DT) N42°11.43′ W71°10.38′ **NEW YORK**
49 B S4 **FUEL** 100LL, JET A OX 4 NOTAM FILE OWD **COPTER**
RWY 17–35: H4008X100 (ASPH) S–58, D–69, ST–88 MIRL **L–33D, 34J**
RWY 17: PAPI(P4R)—GA 3.0° TCH 40′. Trees. **IAP, AD**
RWY 35: MALSF. PAPI(P4L)—GA 3.0° TCH 40′. Rgt tfc.
RWY 10–28: H3995X75 (ASPH) S–58, D–69, ST–88
RWY 10: PAPI (P4R)—GA 4.0° TCH 25′. Thld dsplcd 987′. Tower.
RWY 28: Trees. Rgt tfc.
LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 35	10–28	3320

AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡. 1349(1199) and 1349(1249) TV twr 8 NM NNW. 125′ flagpole 1 mile NW of Rwy 17 apch. 1184(1063.5) twr 8.5 NM NNW. Rwy 28 and 35 rgt tfc for touch and go ldg only. All acft exceeding 87 effective perceived noise level in decibels or 75 decibels, as measured in Part 36 prohibited from using arpt. When twr clsd ACTIVATE MIRL Rwy 17–35, MALSF Rwy 35 and PAPI Rwy 10, Rwy 17, Rwy 35—CTAF. Ldg fee for transient acft with more than 5000 lbs max gross weight.
WEATHER DATA SOURCES: ASOS (781) 762–4314. LAWRS.
COMMUNICATIONS: CTAF 126.0 **ATIS** 119.95 (781–769–3825)
Ⓡ **BOSTON APP/DEP CON** 124.1
TOWER 126.0 (Nov 1–Apr 30 1200–0100Z‡; May 1–Oct 31 1200–0300Z‡.) **GND CON** 121.8 **CLNC DEL** 121.8
AIRSPACE: CLASS D svc Nov 1–Apr 30 1200–0100Z‡, May 1–Oct 31 1200–0300Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.
BOSTON (H) VOR/DME 112.7 BOS Chan 74 N42°21.45′ W70°59.37′ 235° 12.9 NM to fld. 20/16W.
STOGE NDB (LOM) 397 OW N42°07.18′ W71°07.70′ 350° 4.7 NM to fld.
ILS/DME 108.3 I–OWD Chan 20 Rwy 35. LOM STOGE NDB. LOC only. LOC unmonitored when twr clsd.



ORANGE MUNI (ORE) 1 SE UTC−5(−4DT) N42°34.21′ W72°17.32′ **NEW YORK**
555 B S2 **FUEL** 80, 100LL, JET A NOTAM FILE ORE **H–10I, 11D, 12J, L–33C, 34J**
RWY 01–19: H5000X75 (ASPH) S–25 MIRL 0.4% up S **IAP**
RWY 01: Thld dsplcd 100′. Trees.
RWY 19: Thld dsplcd 850′. Trees.
RWY 14–32: H4801X75 (ASPH) S–25 MIRL 0.4% up SE
RWY 14: Thld dsplcd 1477′. Trees.
RWY 32: Thld dsplcd 1659′. Trees.
AIRPORT REMARKS: Attended 1300–2200Z‡. Parachute Jumping. Parachute jumping weekends only. ACTIVATE MIRL Rwy 01–19 and Rwy 14–32—CTAF.
WEATHER DATA SOURCES: ASOS 135.675 (978) 544–6774.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 123.75
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76′ W72°03.49′ 292° 10.3 NM to fld. 1280/14W.
NDB (MHW) 205 ORE N42°34.12′ W72°17.17′ at fld. Unmonitored. Unusable beyond 15 NM.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.



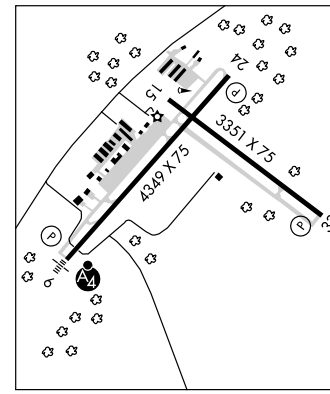
OTIS N41°39.59′ W70°30.85′ NOTAM FILE BDR **NEW YORK**
(L) TACAN Chan 105 FMH (115.8) at CAPE COD CGAS fld. 120/15W. **H–10J, 11D, 12K, L–33D**
No NOTAM MP Mon 1500–1600Z‡.
DME unusable: 315°–100° byd 25 NM blo 3000′
AZIMUTH unusable: 360°–075° byd 30 NM blo 3000′

PLUM ISLAND (See NEWBURYPORT)

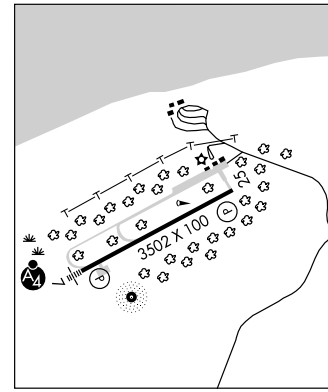
PITTSFIELD MUNI (PSF) 2 W UTC−5(−4DT) N42°25.61′ W73°17.58′ **NEW YORK**
1194 B S4 **FUEL** 100LL, JET A OX 4 NOTAM FILE PSF **H–10I, 11D, 12J, L–33B, 34I**
RWY 08–26: H5006X100 (ASPH–GRVD) S–44, D–54 MIRL 1.0% up W **IAP**
RWY 08: Trees.
RWY 26: MALSF. VASI(V4L)—GA 3° TCH 55′. Trees. Rgt tfc.
RWY 14–32: H3496X100 (ASPH) S–25 MIRL 0.8% up NW
RWY 14: Trees. **RWY 32:** VASI(V2L)—GA 3°. Trees. Rgt tfc.
AIRPORT REMARKS: Attended Mon–Fri 1200–0100Z‡, Sat 1300–2200Z‡, and Sun 1300–2200Z‡. For fuel after hours call 413–822–7884. Wildlife on and invof arpt. Check NOTAMS for arpt conditions. Afld sfc conditions not monitored and snow removal not guaranteed between the hours of 2030–1200Z‡. Noise abatement procedures in effect ctc arpt manager 413–448–9790. FBO attended. All acft utilize twy systems A and C for Rwy 08–26. Twy A use rstd to acft with wingspan less than 79′. ACTIVATE MIRL Rwys 08–26 and 14–32 and MALSF Rwy 26—CTAF. Landing and parking fees.
WEATHER DATA SOURCES: ASOS 135.375 (413) 499–3273.
COMMUNICATIONS: CTAF/UNICOM 122.7
RCO 122.05 (BURLINGTON RADIO)
ALBANY APP/DEP CON 132.825 **CLNC DEL** 128.6
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
CHESTER (L) VOR/DME 115.1 CTR Chan 98 N42°17.48′ W72°56.96′ 311° 17.3 NM to fld. 1600/13W.
DALTON NDB (MHW) 370 DXT N42°28.26′ W73°10.21′ 259° 6.1 NM to fld. NOTAM FILE PSF. Unusable byd 12 NM.
ILS/DME 108.3 I–EIF Chan 20 Rwy 26. LOC only. LOC unmonitored.



PLYMOUTH MUNI (PYM) 4 SW UTC−5(−4DT) N41°54.54′ W70°43.73′ — NEW YORK
148 B S4 **FUEL** 100LL, JET A OX 2, 4 NOTAM FILE PYM — L–33D
RWY 06–24: H4349X75 (ASPH) S–25 MIRL 0.3% up NE — IAP
RWY 06: MALSF. PAPI(P4L)—GA 3.0° TCH 36′. Trees.
RWY 24: REIL. PAPI(P4L)—GA 4.0° TCH 40′. Trees.
RWY 15–33: H3351X75 (ASPH) S–25 MIRL 0.4% up NW
RWY 15: Trees. **RWY 33:** PAPI(P4L)—GA 3.0° TCH 37′. Tree.
AIRPORT REMARKS: Attended 1100–0300Z‡. No touch and go ldg 0200–1300Z‡. Be aware of hi-speed military jet and heavy helicopter tfc vicinity of Cape Cod CGAS. Be alert for deer on and invof rwys at night. ACTIVATE MIRL Rwy 06–24 and Rwy 15–33; MALSF Rwy 06 and REIL Rwy 24—122.9.
WEATHER DATA SOURCES: ASOS 135.625 (508) 746–8003.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **CAPE APP/DEP CON** 118.2 (1100–0400Z‡) May 15–Sept 30; (1100–0300Z‡) Oct 1–May 14. **CLNC DEL** 127.75
BOSTON CENTER APP/DEP CON 128.75 (0400–1100Z‡) May 15–Sept 30; (0300–1100Z‡) Oct 1–May 14.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MARCONI (H) VORW/DME 114.7 LFV Chan 94 N42°01.03′ W70°02.23′ 274° 31.6 NM to fld. 151/16W. **HIWAS.**
NDB (MHW) 257 FFF N41°50.85′ W70°48.16′ 058° 5 NM to fld. NOTAM FILE PYM. Unmonitored 0700–1500Z‡. Unusable byd 15 NM.
ILS/DME 109.35 I–PYM Chan 30(Y) Rwy 06.

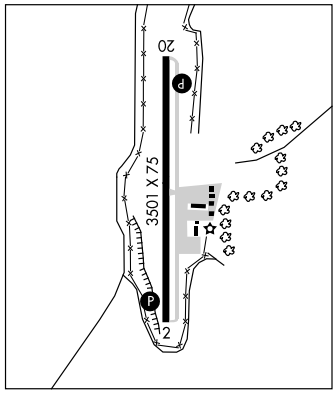


PROVINCETOWN MUNI (PVC) 2 NW UTC−5(−4DT) N42°04.34′ W70°13.24′ — NEW YORK
8 B S2 **FUEL** 100LL NOTAM FILE PVC — COPTER
RWY 07–25: H3502X100 (ASPH) S–25 HIRL — L–33D
RWY 07: MALSF. REIL. PAPI(P4R)—GA 3.0°TCH 40′. — IAP
RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Trees. Rgt tgc.
AIRPORT REMARKS: Attended May–Oct, dalgt hours; Nov–Apr, Mon–Sat 1100–2300Z‡, Sun 1600–2330Z‡. Check with arpt ops on fuel availability, 508–487–0241. No ultralight ops permitted May 1–Sep 30. Coyote and deer on and invof arpt—especially at ngt. ACTIVATE MALSF Rwy 07 and HIRL Rwy 07–25—122.85. Be aware of hi-speed military and heavy helicopter traffic in vicinity of Cape Cod CGAS. Parking fee.
WEATHER DATA SOURCES: AWOS–3 119.025 (508) 487–6435.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CAPE APP/DEP CON** 118.2 (1100–0400Z‡ May 15–Sep 30; 1100–0300Z‡ Oct 1–May 14) **CLNC DEL** 120.65
BOSTON CENTER APP/DEP CON 128.75 (0400–1100Z‡ Jun 15–Sept 15; 0300–1100Z‡ Sept 16–Jun 14)
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
MARCONI (H) VORW/DME 114.7 LFV Chan 94 N42°01.03′ W70°02.23′ 308° 8.8 NM to fld. 151/16W. **HIWAS.**
NDB (MHW) 389 PVC N42°04.13′ W70°13.41′ at fld. NOTAM FILE PVC.
ILS/DME 111.1 I–VQO Chan 48 Rwy 07. ILS unmonitored.



SHAKER HILL N42°27.35′ W71°10.71′ NOTAM FILE BED. — NEW YORK
NDB (MHW) 251 SKR 296° 5 NM to Laurence G Hanscom Fld. Unmonitored indefinitely. Unusable byd 10 NM. — COPTER L–33D, 34J

SOUTHBRIDGE MUNI (3BØ) 2 N UTC−5(−4DT) N42°06.07′ W72°02.33′ **NEW YORK**
699 B S4 **FUEL** 100LL NOTAM FILE BDR **L–33C, 34J**
RWY 02–20: H3501X75 (ASPH) S–28 MIRL 0.3% up N **IAP**
RWY 02: REIL. PAPI(P2L)—GA 3.0°. Trees.
RWY 20: REIL. PAPI(P2L)—GA 3.5°. Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Rwy 02 REIL OTS indef. ACTIVATE MIRL Rwy 02–20, PAPI and REIL Rwy 02 and 20—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BRADLEY APP/DEP CON** 119.0
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33′ W71°50.65′ 329° 12.3 NM to fld. 650/14W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.

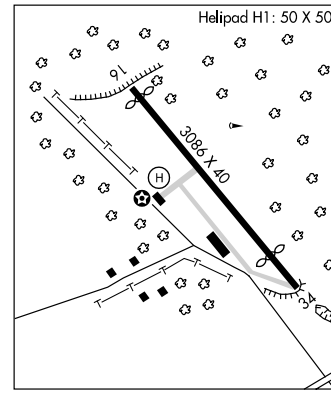


SPENCER (6ØM) 2 NE UTC−5(−4DT) N42°17.43′ W71°57.88′ **NEW YORK**
1040 S4 **FUEL** 100LL TPA—1840(800) NOTAM FILE BDR
RWY 01–19: 1949X50 (ASPH) LIRL
RWY 01: Trees. **RWY 19:** Trees.
AIRPORT REMARKS: Attended Mon–Sat 1400–2300Z‡. ACTIVATE LIRL Rwy 01–19—CTAF.
COMMUNICATIONS: CTAF/UNICOM 123.0
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.

SPRINGFIELD/CHICOPEE

WESTOVER ARB/METROPOLITAN (CEF)(KCEF) CIV/MIL/AFRC 3 NE UTC−5(−4DT) **NEW YORK**
N42°11.64′ W72°32.09′ **H–10I, 11D, 12J, L–33C, 34J**
241 B **FUEL** 100LL, JET A TPA–See Remarks Class I, ARFF Index E NOTAM FILE CEF **DIAP, AD**
RWY 05–23: H11597X301 (ASPH) S–155, ST–175, D–250, DT–380, TDT 840, DDT–840 PCN 44 F/A/W/T HIRL
RWY 05: ALSF1. PAPI(P4L)—GA 3.0°. TCH 72′. Thld dsplcd 1201′. Rgt tfc.
RWY 23: ALSF1. PAPI(P4L)—GA 3.0°. TCH 64′.
RWY 15–33: H7082X150 (ASPH) S–95, D–170, DT–175, TDT–630, DDT–630 PCN 30 F/B/W/T HIRL
RWY 15: PAPI(P4L)—GA 3.0° TCH 76′. **RWY 33:** PAPI(P4L)—GA 3.0° TCH 75′. Rgt tfc.
MILITARY SERVICE: JASU (A/M32A–86) 2(MA–1A) 2(MC–1A) 3(LASS) **FUEL** J8(Mil) (NC–100LL, JET A)
FLUID SP PRESAIR De–Ice (Not avbl for frost/snow removal except AFRC/AMC missions.) LHOX LOX LHNIT
OIL O–148–156 **TRAN ALERT** Opr Sun–Sat 1200–0400Z‡ except holidays.
AIRPORT REMARKS: Attended 1200–0400Z‡. Fuel operating hrs 1100–0300Z‡ weekdays, 1100–1900Z‡ weekends except holidays. Arpt CLOSED 0400–1200Z‡. Bird hazard. Unlit obstruction west side Rwy 05 clear zone, ARNG no obstruction lgt. Strobe lgt located atop stacks 4000′ left Rwy 23 thld; occasional steam cloud. VMC departing acft remain at or blo 1000 ft until past departure end of rwy to ensure separation from VFR overhead and clsd pattern tfc. First 1000′ each end Rwy 05–23 concrete and middle 9600′ is asphalt. Rwy 05–23 1000′ overrun both ends of rwy. Transient parking area unlighted. Vehicle traffic on Sierra twy uncontrolled by twr. Uncontrolled vehicular tfc on ramps and twys. Twy S clsd at intersection of Twy N. Airfield lgts avbl only during operating hours. Rotating bcn clear side is split clear lgt. Daylight turned on when airfield is IFR. Heavy VFR tfc blo 10,000 ft along river and highway 5 NM SW of airfield. Extensive hang glider and glider activity in the Mt. Greylock area approximately 45 NM NW of field. Light acft tfc, hang glider operations and hot air ballooning activity along river W and NW of arpt. Expect delay or full stop ldg when local or tactical training missions are in progress. Westover ARB is a joint–use airfield. IFR tkf and ldg minimums as prescribed by USAF regulations apply. Call arpt manager at C413–593–5543 for clarification. Civilian training limited to low apchs only. Compass rose clsd to ngt ops for all acft, areas not lgtd. Compass rose unavbl for compass calibrations. TPA rectangular light acft 1000(759), large acft 2000(1759), overhead 2500(2259). PAPI all rwys provides proper TCH for height Group 4 acft only. Rwy 23 PAPI unusable byd 6° right. PAPI off during opr hr periods of no tfc. Ldg fee.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** PPR DSN 589–2951, C413–557–2951, fax extension 2156. AMC, AMC–GAINED and AFRC acft opr restricted during Bird Watch Conditions Moderate (tkf or ldg permissions only when dep/arr route avoid identified bird activity, no local traffic pattern activity) and Severe (tkf and ldg prohibited without OG/CC approval), ctc PTD/ATIS for current Bird Watch Condition Code. Continue opr by non–AMC, AMC–GAINED and AFRC or civil acft during Bird Watch Condition Severe or Moderate are at their own discretion and will be strongly advised to discontinue opr. No transient C–5 acft arrivals authorized unless approved by 439th OG/CC DSN 589–2204. Circling to Rwy 05 not allowed due to noise abatement restrictions unless approved by 439 OG/CC. **CAUTION** Potential for hydroplaning after any precipitation. Ponding at intersection Rwy 05–23 and Rwy 15–33 measured in 1/10 th inches. See NOTAMS for KCEF. Uncontrolled vehicles on ramps and twys. **NS ABTMT** No practice apch for transient acft Sun 0300–0400Z‡, 1200–1700Z‡ and circle to Rwy 05 not allowed unless approved by 439 OG/DO only. **CSTMS/AG/IMG** Avbl thru Base OPS 24 hr prior coordination required, DSN 589–2917/2951. Ctc PTD 2 hr prior to ldg via direct air/ground communications or telephone patch. **MISC** Advise twr of drag chute deployment prior to ldg. Tran aircrews ctc Base OPS 30 minutes prior to ldg with intentions. Base OPS does not have COMSEC avbl for tran aircrews. Tran aircrews should plan to arrive with appropriate amount of COMSEC to complete mission.
COMMUNICATIONS: CTAF 134.85 **ATIS** 114.0 138.1 (1200–0400Z‡) **UNICOM** 123.0 **PTD** 372.2
Ⓡ **BRADLEY APP/DEP CON** 125.35 281.5
TOWER 134.85 348.75 (1200–0400Z‡) **GND CON** 118.35 275.8
COMD POST 439 AW (CASINO ROYALE) 252.1 (Opr 24 hours)
PMSV METRO 274.75 Full svc 1100–0400Z‡, DSN 589–2879, other times ctc 15th OWS DSN 576–9702. Ngt obsn ltd due to high ints security lgt. Afld WX is monitored by AN/FMQ–19. Automated obs are quality controlled for accuracy during published flying hrs.
AIRSPACE: CLASS D svc effective 1200–0400Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE CEF.
BARNES (L) VORTAC 113.0 BAF Chan 77 N42°09.72′W72°42.97′ 091° 8.3 NM to fld. 270/14W.
(L) VORTACW 114.0 CEF Chan 87 N42°11.85′ W72°31.58′ at fld. 241/14W. NOTAM FILE CEF. No NOTAM MP; VOR MP Tue 1400–1600Z‡, TACAN MP Thu 1400–1600Z‡.
VOR unusable:
051°–129° byd 20 NM blo 4000′
130°–220° byd 20 NM blo 5000′
221°–299° byd 20 NM blo 4500′
300°–050° byd 12 NM blo 4500′
TACAN unusable:
052°–201° byd 25 NM blo 8000′
202°–299° byd 25 NM blo 6000′
300°–051° byd 25 NM blo 7000′
ILS 109.9 I–GWJ Rwy 05. No NOTAM MP Mon, Wed, Fri 1400–1600Z‡.
ILS 109.9 I–CEF Rwy 23. Monitored 1200–0400Z‡. No NOTAM MP Mon, Wed, Fri 1400–1600Z‡.
COMM/NAV/WEATHER REMARKS: Twr ops extensions/irregular hours by NOTAM. ATIS No NOTAM MP Thu 1400–1600Z†.

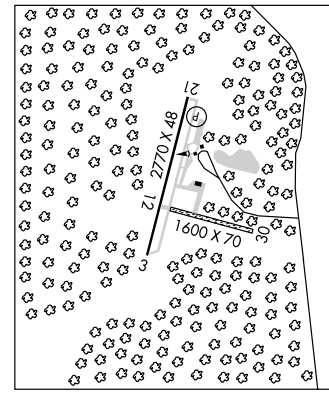
STERLING (3B3) 2 SW UTC−5(−4DT) N42°25.56′ W71°47.57′ **NEW YORK**
459 B S2 **FUEL** 100LL NOTAM FILE BDR **L–33C, 34J**
RWY 16–34: H3086X40 (ASPH) S–8 LIRL (NSTD)
RWY 16: Thld dsplcd 150′. Trees.
RWY 34: Thld dsplcd 500′. Tree.
AIRPORT REMARKS: Attended Thu–Sun 1300–2300Z‡. Glider ops in vicinity of arpt SR–SS daily. Intensive glider activity on weekends. Rwy 16–34 NSTD LIRL; first 240′ Rwy 16 unlgtd; first 240′ Rwy 34 unlgtd. ACTIVATE LIRL Rwy 16–34 and rotating bcn—CTAF. Rwy lgts begin 200 ft down Rwy 16, and 300 ft down Rwy 34.
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76′ W72°03.49′ 135° 13.8 NM to fld. 1280/14W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.
HELIPAD H1: H50X50 (ASPH)



STOGE N42°07.18′ W71°07.70′ NOTAM FILE OWD. **NEW YORK**
NDB (LOM) 397° OW 350° 4.7 NM to Norwood Mem. **L–33D, 34J**

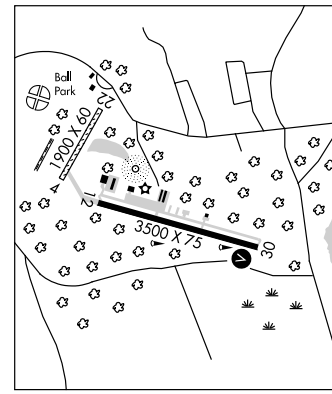
STOW

MINUTE MAN AIR FIELD (6B6) 2 N UTC−5(−4DT) N42°27.67′ W71°31.12′ **NEW YORK**
268 B S4 **FUEL** 100LL, MOGAS TPA—See Remarks NOTAM FILE BDR **L–33C, 34J**
RWY 03–21: H2770X48 (ASPH) S–12.5 LIRL **IAP**
RWY 03: Hill. **RWY 21:** REIL. PAPI(P2L)—GA 3.5° TCH 25′. Trees.
RWY 12–30: 1600X70 (TURF–GRVL)
RWY 12: Trees. **RWY 30:** Trees.
AIRPORT REMARKS: Attended 1400–2100Z‡. Tree obstruction in apch, primary and transition surfaces Rwy 03 and Rwy 12–30. Upwind and crosswind apchs not recommended. Noise abatement procedures in effect notify arpt manager 978–897–3933 of intention to opr between 0400–1100Z‡. TPA for light acft 1300(1032). Helicopters use rgt tfc. Rotating bcn OTS 0400–1200Z‡. ACTIVATE REIL Rwy 21—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON APP/DEP CON** 124.4
RADIO AIDS TO NAVIGATION: NOTAM FILE MHT.
MANCHESTER (L) VOR/DME 114.4 MHT Chan 91 N42°52.11′ W71°22.17′ 210° 25.3 NM to fld. 469/15W.
BEDDS NDB (LOM) 332 BE N42°28.79′ W71°23.32′ 275° 5.9 NM to fld. NOTAM FILE BED.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.



TANNER—HILLER (See BARRE/BARRE PLAINS)

TAUNTON MUNI–KING FIELD (TAN) 3 E UTC−5(−4DT) N41°52.46′ W71°01.00′ NEW YORK
43 B S4 **FUEL** 100LL NOTAM FILE BDR L–33D
RWY 12–30: H3500X75 (ASPH) S–21 MIRL IAP
RWY 12: Trees.
RWY 30: REIL. VASI(V4L)—GA 3.6°TCH 45′. Trees.
RWY 04–22: 1900X60 (TURF–GRVL)
RWY 04: Trees. **RWY 22:** Trees.
AIRPORT REMARKS: Attended Sep–May 1300–2200Z‡, Jun–Aug 1300–2300Z‡. Rwy 04–22 surface rough and loose stones. Avoid flying over the elementary school at the departure end of Rwy 30. Helicopters avoid overflight of densely populated areas west and south of arpt. ACTIVATE MIRL Rwy 12–30; VASI Rwy 30 and lgtd windsock—CTAF.
WEATHER DATA SOURCES: ASOS 132.675 (508) 824–5005.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **PROVIDENCE APP/DEP CON** 128.7 (1045–0500Z‡)
BOSTON CENTER APP/DEP CON 124.85 (0500–1045Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.
PROVIDENCE (H) VORTACW 115.6 PVD Chan 103 N41°43.46′ W71°25.78′ 078° 20.6 NM to fld. 49/14W. **HIWAS.**
NDB (MHW) 227 TAN N41°52.59′ W71°01.02′ at fld. NOTAM FILE BDR. Unmonitored. NDB unusable 090°–180° beyond 15 NM.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.

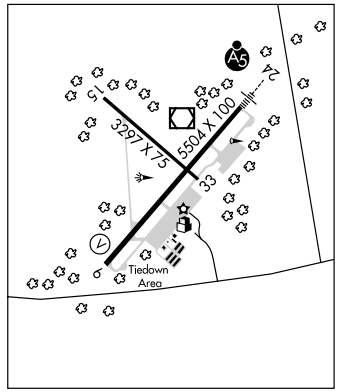


TOPSFIELD N42°37.16′ W70°57.41′ NOTAM FILE BVY. NEW YORK
NDB (MHW) 269 TOF 156° 2.8 NM to Beverly Muni. (Unmonitored). COPTER
L–33D

TURNERS FALLS (See MONTAGUE)

VINEYARD HAVEN

MARTHAS VINEYARD (MVY) 3 S UTC−5(−4DT) N41°23.58′ W70°36.86′ **NEW YORK**
67 B **FUEL** 100LL, JET A TPA–1068(1000) Class I, ARFF Index A NOTAM FILE MVY **H–10J, 12J, L–33D**
RWY 06–24: H5504X100 (ASPH–GRVD) S–65, D–108, ST–137, DT–185 HIRL **IAP, AD**
RWY 06: REIL. VASI(V4L)—GA 3.0°TCH 60′. Trees.
RWY 24: MALSR. Rgt tfc.
RWY 15–33: H3297X75 (ASPH) S–31, D–45, DT–61 MIRL
0.3% up NW
RWY 15: Trees. **RWY 33:** REIL. Trees. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 15: TORA–3297 TODA–3297 ASDA–3297 LDA–3297
RWY 33: TORA–3297 TODA–3297 ASDA–3297 LDA–3297
AIRPORT REMARKS: Attended 1100–0300Z‡. Be aware of hi-speed military jet and heavy helicopter tfc vicinity of Cape Cod CGAS. Arpt has noise abatement procedures, ctc ops 508–693–7022. 24 hr PPR for unscheduled air carrier ops with more than 9 passenger seats call arpt manager 508–693–7022. Rwy 24 touchdown runway visual range avbl. Twy E clsd to acft with over 9 passengers. REIL Rwy 06 OTS indef. When twr clsd ACTIVATE HIRL Rwy 06–24, MALSR Rwy 24, MIRL Rwy 15–33, REIL Rwy 33—CTAF. ACTIVATE REIL Rwy 06 (24 hours)—CTAF. Parking fee all acft. Ldg fee all acft over 6000 lbs.



WEATHER DATA SOURCES: ASOS (508) 696–6988.
COMMUNICATIONS: CTAF 121.4 **ATIS** 126.25 508–693–7685.
UNICOM 122.95
RCO 122.1R 114.5T (BRIDGEPORT RADIO)
Ⓡ **CAPE APP/DEP CON** 134.65 133.75 119.7 (3000′ to 14,000′) (1100–0400Z‡) May 15–Sept 30 (1100–0300Z‡) Oct 1–May 14.
CLNC DEL 119.7 (when twr clsd)
BOSTON CENTER APP/DEP CON 128.75 (0400–1100Z‡) May 15–Sept 30 (0300–1100Z‡) Oct 1–May 14.
VINEYARD TOWER 121.4 (May 15–Oct 31 1100–0300Z‡, Nov 1–May 14 1200–2200Z‡) **GND CON** 121.8
CLNC DEL 121.8
AIRSPACE: CLASS D svc May 15–Oct 31 1100–0300Z‡, Nov 1–May 14 1200–2200Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE MVY.
(L) VOR/DME 114.5 MVY Chan 92 N41°23.77′ W70°36.76′ at fld. 60/15W.
ILS/DME 108.7 I–MVY Chan 24 Rwy 24. Class 1E. ILS unmonitored.

WAIVS N41°18.68′ W69°59.21′ NOTAM FILE ACK.
NDB (LOM) 248 AC 240° 4.8 NM to Nantucket Meml.

WALTER J. KOLADZA (See GREAT BARRINGTON)

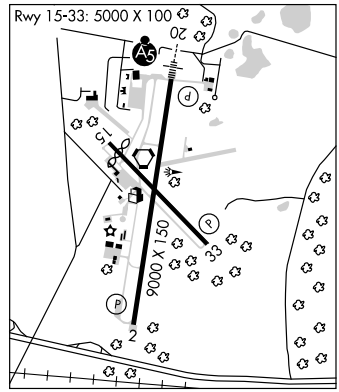
WESTFIELD/SPRINGFIELD

BARNES MUNI (BAF) 3 N UTC−5(−4DT) N42°09.46′ W72°42.94′ **NEW YORK**
271 B S4 **FUEL** 100LL, JET A OX 1, 2 TPA–See Remarks LRA **H–10I, 11D, 12J, L–33C, 34J**
Class IV, ARFF Index A NOTAM FILE BAF **IAP, AD**

RWY 02–20: H9000X150 (ASPH–GRVD) S–75, D–160, ST–175, DT–240 HIRL
RWY 02: PAPI(P4L)—GA 3.0° TCH 50′. Trees.
RWY 20: MALSR. PAPI(P4L)—GA 3.0° TCH 50′. Trees.
RWY 15–33: H5000X100 (ASPH) S–51, D–60, DT–155 MIRL 0.3% up NW.
RWY 15: Thld dsplcd 490′. Trees.
RWY 33: PAPI(P4R)—GA 3.5° TCH 41′. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02:	TORA–9000	TODA–9000	ASDA–9000	LDA–9000
RWY 15:	TORA–5000	TODA–5000	ASDA–4508	LDA–4510
RWY 20:	TORA–9000	TODA–9000	ASDA–8919	LDA–8919
RWY 33:	TORA–5000	TODA–5000	ASDA–5000	LDA–5000



AIRPORT REMARKS: Attended 1200–0100Z‡. Fuel avbl 1200–0100Z‡, for svc after 0100Z‡ by prior arrangement or by phone 413–485–0053 or 413–562–4999. Severe downdraft apch end Rwy 33 when wind northwest in excess of 15 kts. Birds and other wildlife on and invof arpt. Twy G clsd to civilian ops. Acft and helicopter noise abatement procedures in effect, ctc arpt manager for complete noise abatement procedures at 413–572–6275. TPA 1300(1029) lgt acft, 1800(1529) heavy and military acft. Expect military overhead and clsd pattern tfc. No touch and go landing or practice low approaches 0300–1200Z‡. PPR 24 hours for air carrier ops with more than 9 passenger seats call arpt manager 413–572–6275. Jet acft starting units avbl. When twr clsd ACTIVATE MALSR Rwy 20; HIRL Rwy 02–20; MIRL Rwy 15–33—CTAF. Landing fee for commercial, corporate and all acft over 5000 lbs. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (413) 568–2267. LAWRS.
COMMUNICATIONS: CTAF 118.9 **ATIS** 127.1 (413) 572–4561
RCO 122.1R 113.0T (BURLINGTON RADIO)
Ⓡ **BRADLEY APP/DEP CON** 125.35 **CLNC DEL** 121.7 (0300–1200Z‡)
WESTFIELD TOWER 118.9 (1200–0300Z‡) **GND CON** 121.7
AIRSPACE: CLASS D svc 1200–0300Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE CEF.
(L) VORTAC 113.0 BAF Chan 77 N42°09.72′ W72°42.97′ at fld. 270/14W.
VORTAC unusable 310°–340° byd 25NM blo 6500′.
ILS 111.9 I–BAF Rwy 20. Class IA. ILS unmonitored when twr clsd.

WESTOVER ARB/METROPOLITAN (See SPRINGFIELD/CHICOPEE)

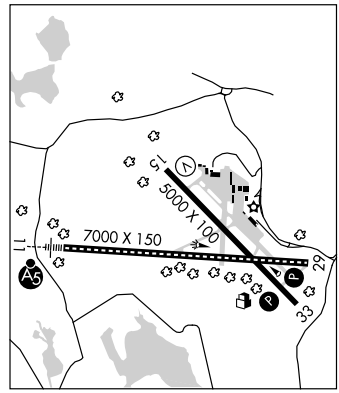
WORCESTER RGNL (ORH) 3 W UTC−5(−4DT) N42°16.04′ W71°52.54′ **NEW YORK**
1009 B S4 **FUEL** 100LL, JET A LRA Class I, ARFF Index B **H–10I, 11D, 12J, L–33C, 34J**
NOTAM FILE ORH **IAP, AD**

RWY 11–29: H7000X150 (ASPH–GRVD) S–60, D–108, ST–138. DT–164 HIRL CL
RWY 11: MALSR. TDZL. Building.
RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 54′. Tree.
RWY 15–33: H5000X100 (ASPH–GRVD) S–60, D–108, ST–138, DT–164 MIRL
RWY 15: REIL. VASI(V4L)—GA 3.0° TCH 35′. Antenna.
RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11:	TORA–7000	TODA–7000	ASDA–7000	LDA–7000
RWY 15:	TORA–5000	TODA–5000	ASDA–5000	LDA–5000
RWY 29:	TORA–7000	TODA–7000	ASDA–7000	LDA–7000
RWY 33:	TORA–5000	TODA–5000	ASDA–5000	LDA–5000

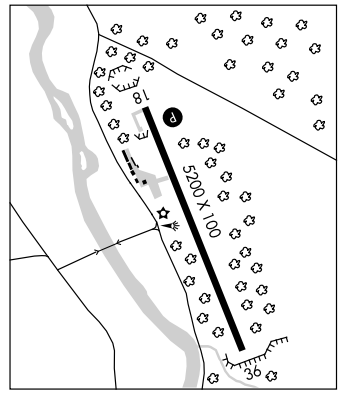
ARRESTING GEAR/SYSTEM
RWY 11: EMAS
RWY 29: EMAS



AIRPORT REMARKS: Attended continuously. Wildlife invof arpt, birds on and invof arpt. Use caution for arpt vehicles monitoring CTAF and opr on arpt during non–towered hrs. During snow removal ops 30 minutes PPR on frequency 120.5 during twr hrs or frequency 119.0 during non twr hrs or call 508–799–1325. ACTIVATE HIRL Rwy 11–29; MIRL Rwy 15–33; MALSR Rwy 11 and PAPI Rwy 29 and Rwy 33—CTAF. Rwy 11 and Rwy 29 touchdown and rollout RVR avbl. Transient acft ctc FBO on 122.95 for svcs. Ldg fee for multi-engine acft and larger. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (508) 795–7546.
COMMUNICATIONS: CTAF 120.5 **ATIS** 126.55 508–757–0962
UNICOM 122.95
RCO 122.2 (BRIDGEPORT RADIO)
Ⓡ **BRADLEY APP/DEP CON** 119.0 **CLNC DEL** 119.0 (0200–1130Z‡)
TOWER 120.5 (1130–0200Z‡) **GND CON** 123.85 **CLNC DEL** 128.65
AIRSPACE: CLASS D svc 1130–0200Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76′ W72°03.49′ 168° 18.6 NM to fld. 1280/14W.
DUNCA NDB (LOM) 279 RS N42°16.47′ W72°01.20′ 109° 6.4 NM to fld.
GOZZR NDB (LOM) 417 EK N42°15.59′ W71°44.12′ 289° 6.3 NM to fld.
ILS/DME 110.9 I–RSR Chan 46 Rwy 11. Class IT. LOM DUNCA NDB. ILS unmonitored when tower clsd. DME unusable byd 15 NM.
ILS/DME 110.9 I–EKW Chan 46 Rwy 29. Class IB. LOM GOZZR NDB. Unmonitored when twr clsd. GS unusable coupled apch blo 1226′ MSL.

ALTON BAY SPB (B18) 2 N UTC−5(−4DT) N43°28.66′ W71°14.22′ **NEW YORK**
504 NOTAM FILE BGR
WATERWAY 01–19: 2600X100 (WATER)
WATERWAY 01: Tree. **WATERWAY 19:** Ground.
SEAPLANE REMARKS: Unattended. Ice in winter plowed to approximately 2300′. Check NOTAMS for ice rwy conditions. Rwy 01 thld 100′ north of floating bandstand. All tkfs and ldgs must be north of the bandstand. All travel south of the bandstand must not exceed headway speed. Waterway 01–19 P–line marked with orange balls 1000 ft S of thld at S end, less than 30 ft height along roadway.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor RADIO (BGR) 1–866–295–3835.

BERLIN RGNL (BML) 7 N UTC−5(−4DT) N44°34.52′ W71°10.56′ **MONTREAL**
1161 B S2 **FUEL** 100LL, JET A NOTAM FILE BML **H–11D, L–32H**
RWY 18–36: H5200X100 (ASPH) S–53, D–82, ST–104, DT–140 HIRL 0.5% up N **IAP**
RWY 18: REIL. PAPI(P4L). TCH 46′. Tree. **RWY 36:** REIL. Trees.
AIRPORT REMARKS: Attended 1300–2200Z‡. For Jet A after hours call 603–449–2168; 100LL charge card system. Wildlife on and invof arpt. ACTIVATE HIRL Rwy 18–36, REIL Rwy 18, and REIL Rwy 36, PAPI Rwy 18—CTAF.
WEATHER DATA SOURCES: ASOS 135.175 (603) 449–3328. **HIWAS** 110.4 BML.
COMMUNICATIONS: CTAF/UNICOM 122.7
RCO 122.35 (BANGOR RADIO)
CLNC DEL 122.35 (BANGOR FSS)
RADIO AIDS TO NAVIGATION: NOTAM FILE BML.
(T) VORW/DME 110.4 BML Chan 41 N44°38.01′ W71°11.17′ 190° 3.5 NM to fld. 1730/17W. **HIWAS.**
VOR/DME unusable 120°–130° below 6500′; 160°–180° below 6000′; 295°–305° below 6000′.



BLNAP N43°32.20′ W71°32.22′ NOTAM FILE LCI. **NEW YORK**
NDB (MHW/LOM) 328 LC 083° 5.6 NM to Laconia Muni. **L–32H**

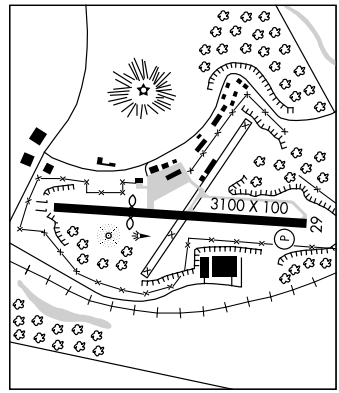
BOIRE FLD (See NASHUA)

BRISTOL

NEWFOUND VALLEY (2N2) 1 W UTC−5(−4DT) N43°35.52′ W71°45.09′ **NEW YORK**
510 NOTAM FILE BGR
RWY 03–21: H1900X40 (ASPH)
RWY 03: Tree. **RWY 21:** Tree.
AIRPORT REMARKS: Unattended. Rwy plowed Dec thru Mar—Call arpt manager for current conditions 603–481–4159.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor RADIO (BGR) 1–866–295–3835.

CHERN N42°49.40′ W71°36.13′ NOTAM FILE ASH. **NEW YORK**
NDB (MHW/LOM) 359 AS 139° 4.6 NM to Boire Fld. **L–32H, 33C, 34J**

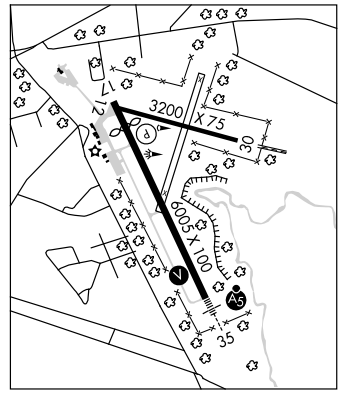
CLAREMONT MUNI (CNH) 1 W UTC−5(−4DT) N43°22.23′ W72°22.12′ **NEW YORK**
545 B S2 **FUEL** 100LL NOTAM FILE BGR **L–32G**
RWY 11–29: H3100X100 (ASPH) S–30 MIRL 0.3% up E **IAP**
RWY 11: Thld dsplcd 1055′. Trees.
RWY 29: REIL. PAPI(P2L)—GA 4.0°TCH 31′. Trees.
AIRPORT REMARKS: Attended irregularly. For arpt svcs, call (603) 542–2282. Fuel self svc 24 hrs by credit card system. Expect downdraft in apch to Rwy 29. Taxiing on unpaved area prohibited. Rotating bcn difficult to see from the north when foliage is on the trees. ACTIVATE MIRL Rwy 11–29 and REIL Rwy 29—122.7.
COMMUNICATIONS: CTAF/UNICOM 122.7
RCO 122.4 (BANGOR RADIO)
BOSTON CENTER APP/DEP CON 134.7 **CLNC DEL** 122.4 (Bangor RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE LEB.
LEBANON (L) VOR/DME 113.7 LEB Chan 84 N43°40.73′ W72°12.96′ 215° 19.7 NM to fld. 1460/15W.
NDB (MHW) 233 CNH N43°22.16′ W72°22.27′ at fld. NOTAM FILE BGR.
Unusable 005°–049° byd 20 NM; 050°–004° byd 15 NM.



COLEBROOK

GIFFORD FLD (4C4) 1 SW UTC−5(−4DT) N44°53.00′ W71°29.97′ **MONTREAL**
1010 NOTAM FILE BGR
RWY 04–22: 2450X75 (TURF)
RWY 04: Thld dsplcd 300′. Trees. **RWY 22:** Road.
AIRPORT REMARKS: Unattended. Rwy 04–22 CLOSED Nov–May except ski acft. Call 603–237–4914 for airfield conditions. Rwy soft in spring. Road traverses rwy 450′ from Rwy 04 thld. Rwy 04–22 NSTD markings, rwy edges and ends marked by yellow cones. Rwy 04 dsplcd thld marked by three yellow cones aligned perpendicular to each rwy edge.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor RADIO (BGR) 1–866–295–3835.

CONCORD MUNI (CON) 2 E UTC−5(−4DT) N43°12.16′ W71°30.14′ **NEW YORK**
342 B S4 **FUEL** 100LL, JET A NOTAM FILE CON **H–11D, 12K, L–32H**
RWY 17–35: H6005X100 (ASPH) S–43, D–60 HIRL **IAP**
RWY 17: PAPI(P4L)—GA 3.0° TCH 45′. Thld dsplcd 650′. Trees.
RWY 35: MALSR. VASI(V4L)—GA 3.0° TCH 50′.
RWY 12–30: H3200X75 (ASPH) S–30 MIRL
RWY 12: Trees. **RWY 30:** Trees.
AIRPORT REMARKS: Attended 1200–2200Z‡, except Thanksgiving, Christmas, and New Years Day. Self–serve 100LL avbl 24 hrs with credit card. For jet A after hours call 1–603–228–2267 and follow prompts. Wildlife on and invof arpt. Day and ngt VFR helicopter ops to and from New Hampshire State Police Hangar. Ops on National Guard twy and ramp prohibited without prior coordination due to security. Opr off paved surfaces prohibited due to conservation management activities. Twy lgts OTS indef. ACTIVATE HIRL Rwy 17–35, MIRL Rwy 12–30 VASI Rwy 35 and MALSR Rwy 35—CTAF.
WEATHER DATA SOURCES: ASOS 132.32 (603) 224–6558. **HIWAS** 112.9 CON.
COMMUNICATIONS: CTAF/UNICOM 122.7
RCO 122.3 122.2 (BANGOR RADIO)
Ⓡ **BOSTON APP/DEP CON** 127.35 **CLNC DEL** 133.65
RADIO AIDS TO NAVIGATION: NOTAM FILE CON.
(L) VORTACW 112.9 CON Chan 76 N43°13.19′ W71°34.53′ 123° 3.4 NM to fld. 715/15W. **HIWAS.**
VORTAC unusable: 190°–210° byd 12 NM blo 4000′ 318°–326° byd 30 NM blo 12,000′
EPSOM NDB (MHW/LOM) 216 CO N43°07.13′ W71°27.15′ 353° 5.5 NM to fld. Unusable beyond 20 NM.
ILS 108.7 I–CON Rwy 35. LOM EPSOM NDB.



DEAN MEM (See HAVERHILL)

DILLANT–HOPKINS (See KEENE)

EPSOM N43°07.13′ W71°27.15′ NOTAM FILE CON. NEW YORK
NDB (MHW/LOM) 216 CO 353° 5.5 NM to Concord Muni. Unusable beyond 20 NM. L–32H, 33D

ERROL (ERR) 1 NW UTC−5(−4DT) N44°47.55′ W71°09.85′ MONTREAL
1245 TPA—2045(800) NOTAM FILE BGR
RWY 15–33: 3680X75 (GRVL)
RWY 15: Tree. **RWY 33:** Tree.
AIRPORT REMARKS: Unattended. Moose and deer on and invof arpt. Large patches of grass on rwy.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor FSS 1–866–295–3835.

FITZY N42°51.85′ W71°31.73′ NOTAM FILE MHT. NEW YORK
NDB (LOM) 209 MJ 061° 5.8 NM to Manchester.

FRANCONIA (1B5) 2 S UTC−5(−4DT) N44°11.75′ W71°44.97′ MONTREAL
970 NOTAM FILE BGR
RWY 18–36: 2305X150 (TURF)
RWY 18: Thld dsplcd 400′. Tree. **RWY 36:** Tree. Rgt tfc.
AIRPORT REMARKS: Unattended. Arpt CLOSED Oct 31–May 16 and SS–SR. Wildlife on and invof arpt. First 200′ of Rwy 18 soft. Prior to using arpt call 603–823–5542. Avoid flying over residential area at dep end Rwy 18; arr Rwy 36 should maintain sufficient altitude on final so as to avoid low altitude and/or high power settings over residential area which underlies final apch Rwy 36.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor FSS 1–866–295–3835.

GIFFORD FLD (See COLEBROOK)

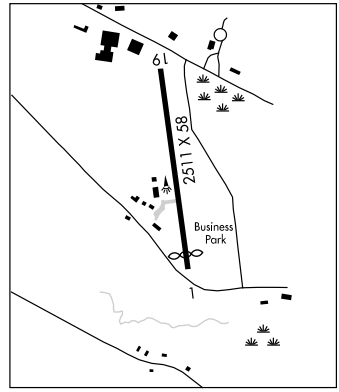
GORHAM (2G8) 1 NW UTC−5(−4DT) N44°23.68′ W71°11.88′ MONTREAL
835 NOTAM FILE BGR
RWY 12–30: 2667X70 (TURF)
RWY 12: Thld dsplcd 250′. Trees. **RWY 30:** Thld dsplcd 250′. Tree.
AIRPORT REMARKS: Attended irregularly. Arpt CLOSED Nov 1–May 15. Other times check NOTAMS or during normal business hrs only call 603–466–3302. Leave telephone number and expect return call for field condition. Refueling and maintenance of acft is prohibited. Wildlife on and invof arpt. AER 30 soft in spring/heavy rains. Rwy 12–30 outer 20 ft each side rough. Rwy 12–30 edges and ends markes by yellow cones. Rwy 12 and Rwy 30 dsplcd thlds marked by three yellow cones aligned perpendicular to each rwy edge.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor RADIO (BGR) 1–866–295–3835.

HAMPTON AIRFIELD (7B3) 2 N UTC−5(−4DT) N42°57.76′ W70°49.72′ NEW YORK
93 S3 **FUEL** 100LL, MOGAS NOTAM FILE BGR
RWY 02–20: 2100X170 (TURF) LIRL(NSTD)
RWY 02: Tree. **RWY 20:** Thld dsplcd 300′. Fence.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Wildlife on and invof arpt. Road at Rwy 20 thld with moderate vehicle tfc. ACTIVATE LIRL Rwy 02–20—122.4 or call 603–964–6749/8833. Rwy 02–20 nstd LIRL; 85 ft from rwy center line. Rwy 20 nstd dsplcd thld, single red/green lgt each side.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor RADIO (BGR) 1–866–295–3835.

HANOVER N43°42.14′ W72°10.65′ NOTAM FILE LEB. NEW YORK
NDB (MHW) 276 LAH 245° 7.2 NM to Lebanon Muni. L–32H

HAVERHILL

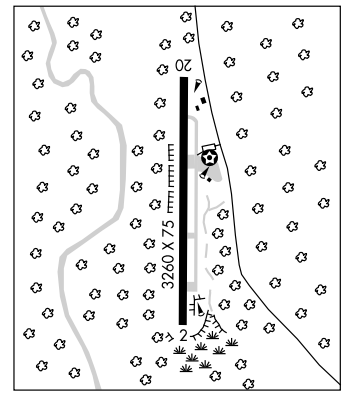
DEAN MEM (5B9) 3 NE UTC−5(−4DT) N44°04.81′ W72°00.47′ **MONTREAL**
582 **FUEL** 100LL NOTAM FILE BGR **L–32H**
RWY 01–19: H2511X58 (ASPH) S–8.5 LIRL (NSTD) 1.4% up S **IAP**
RWY 01: Thld dsplcd 185′. Tree. **RWY 19:** Pole.
AIRPORT REMARKS: Attended irregularly. For winter conditions call 603–787–6256 or 603–989–5845 24 hours before use. Rwy 19 38 ft building 100 ft left 300 ft from rwy end. Rwy 01–19 NSTD LIRL; first 185 ft Rwy 01 not lgtd. ACTIVATE LIRL Rwy 01–19 and windsock—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
BOSTON CENTER APP/DEP CON 135.7
RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.
MONTPELIER (L) VORW/DME 110.8 MPV Chan 45 N44°05.13′ W72°26.96′ 107° 19.1 NM to fld. 2080/16W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor FSS 1–866–295–3835.



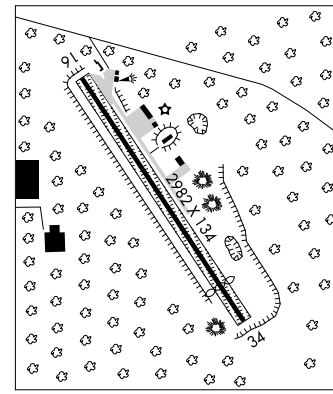
HAWTHORNE–FEATHER AIRPARK (See HILLSBORO)

HILLSBORO

HAWTHORNE–FEATHER AIRPARK (8B1) 3 S UTC−5(−4DT) N43°04.00′ W71°53.97′ **NEW YORK**
600 B **FUEL** 100LL NOTAM FILE BGR **L–32H, 33B**
RWY 02–20: H3260X75 (ASPH) S–8 MIRL
RWY 02: Road. **RWY 20:** Trees. Rgt tfc.
AIRPORT REMARKS: Unattended. Prior to using arpt call 603–588–6868 for arpt conditions. Self serve fuel avbl 24 hrs by credit card system. Rwy surface uneven with large open cracks. ACTIVATE Rotating beacon, MIRL Rwy 02–20—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE CON.
CONCORD (L) VORTACW 112.9 CON Chan 76 N43°13.19′ W71°34.53′ 252° 16.9 NM to fld. 715/15W. **HIWAS**
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor RADIO (BGR) 1–866–295–3835.



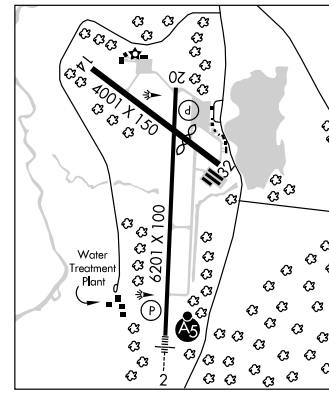
JAFFREY ARPT-SILVER RANCH (AFN) 1 SE UTC−5(−4DT) N42°48.31′ W72°00.18′ NEW YORK
1040 B S2 **FUEL** 100LL TPA—2040(1000) NOTAM FILE AFN L–32G, 33C
RWY 16–34: H2982X134 (ASPH–TURF) S–8 LIRL (NSTD) 0.9% up N IAP
RWY 16: Tree. **RWY 34:** Thld dsplcd 582′. Ground.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Wildlife on and invof arpt. Ultralight activity on arpt. Rwy 16–34 CLOSED to touch-and-go ldgs. PAEW AER 34; maximum equipment height 50 ft AGL; AER 34 obstruction lgts OTS. PPR for NSTD LIRL Rwy 16–34 call 603–532–8870. Rwy 16–34 NSTD LIRL first 582 ft Rwy 34 not lgtd; thld lgts at 582 ft. Rwy 16–34 center 50 ft wide portion of the entire length is asph; the remaining 84 ft portion of the rwy width is made up of two 42 ft wide strips of turf; one on each side of the asph entire length of rwy. Rwy sfc uneven with pavement patches and widespread alligator cracking. Parallel twy serves hangar/ramp only—no access to Rwy 34. Rotating bcn OTS indef.
WEATHER DATA SOURCES: ASOS 135.875 (603) 532–6195.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BOSTON CENTER APP/DEP CON** 123.75
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
GARDNER (L) VOR/DME 110.6 GDM Chan 43 N42°32.76′ W72°03.49′ 023° 15.7 NM to fld. 1280/14W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor RADIO (BGR) 1–866–295–3835.



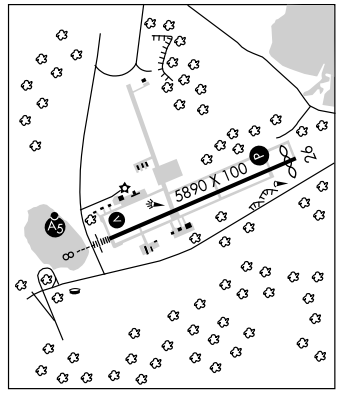
KEENE N42°47.66′ W72°17.51′ NOTAM FILE EEN. NEW YORK
(L) VORTAC 109.4 EEN Chan 31 022° 6.3 NM to Dillant–Hopkins. 1380/14W. H–11D, 12K, L–32G, 33C
VORTAC unusable 070°–085° byd 27 NM blo 8000′
DME portion unusable 111°–117° byd 35 NM blo 5000′
VOR portion unusable 226°–254° blo 4000′.
RCO 122.1R 109.4T (BANGOR RADIO)

KEENE

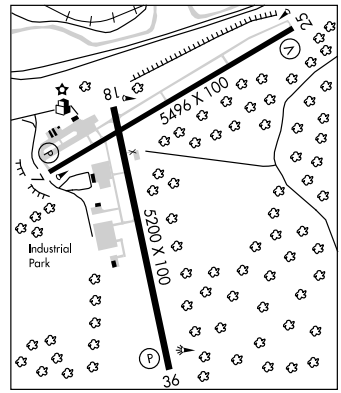
DILLANT–HOPKINS (EEN) 2 S UTC−5(−4DT) N42°53.90′ W72°16.25′ NEW YORK
488 B S4 **FUEL** 100LL, JET A 0X 1, 3 NOTAM FILE EEN H–11D, 12K, L–32G, 33C
RWY 02–20: H6201X100 (ASPH) D–60 HIRL IAP, AD
RWY 02: MALSR. PAPI(P4L)—GA 3.0°TCH 50′. Trees.
RWY 20: PAPI(P4L)—GA 3.0°TCH 50′. Trees.
RWY 14–32: H4001X150 (ASPH) S–25 MIRL 0.3% up SE
RWY 14: Trees. **RWY 32:** Thld dsplcd 1100′. Trees.
AIRPORT REMARKS: Attended Mon–Fri 1200–0000Z‡, Sat–Sun 1200–2200Z‡. 100LL avbl 24 hrs with credit card. For jet fuel after hrs call 603–357–7600. Wildlife on and invof arpt. Noise Abatement Procedures: Winds blo 8 kts use Rwy 02. ACTIVATE MALSR Rwy 02, HIRL Rwy 02–20 and MIRL Rwy 14–32—CTAF. Ldg fee for all turbine powered acft.
WEATHER DATA SOURCES: AWOS–3 119.025 (603) 358–6424.
COMMUNICATIONS: CTAF/UNICOM 123.0
KEENE RCO 122.1R 109.4T (BANGOR RADIO)
Ⓡ **BOSTON CENTER APP/DEP CON** 123.75
RADIO AIDS TO NAVIGATION: NOTAM FILE EEN.
KEENE (L) VORTAC 109.4 EEN Chan 31 N42°47.66′ W72°17.51′ 022° 6.3 NM to fld. 1380/14W.
ILS 108.9 I–EEN Rwy 02. Class IA. Glide slope unusable byd 5° rgt side of course. LOC unusable 25° rgt of course.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor RADIO (BGR) 122.1R 109.4T



LACONIA MUNI (LCI) 3 NE UTC−5(−4DT) N43°34.38′ W71°25.07′ **NEW YORK**
545 B S4 **FUEL** 100LL, JET A NOTAM FILE LCI **H–11D, 12K, L–32H**
RWY 08–26: H5890X100 (ASPH–GRVD) S–60 HIRL 0.5% up W **IAP**
RWY 08: MALSR. VASI(V4L)—GA 3.0° TCH 40′. Trees.
RWY 26: REIL. PAPI (P4R)—GA 4.0° TCH 55′. Thld dsplcd 244′. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 08: TORA–5890 TODA–5890 ASDA–5646 LDA–5646
RWY 26: TORA–5890 TODA–5890 ASDA–5530 LDA–5286
AIRPORT REMARKS: Attended May–Oct 1200–0000Z‡, Nov–Apr 1300–2300Z‡. 100LL avbl 24 hrs with credit card system. Wildlife on and invof arpt. Rwy 26 PAPI unusable byd 6° left of centerline. ACTIVATE HIRL Rwy 08–26, MALSR Rwy 08, VASI Rwy 08, PAPI Rwy 26 and REIL Rwy 26—CTAF.
WEATHER DATA SOURCES: AWOS–3 133.525 (603) 524–5134.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **BOSTON APP/DEP CON** 134.75 **CLNC DEL** 119.85
RADIO AIDS TO NAVIGATION: NOTAM FILE CON.
CONCORD (L) VORTACW 112.9 CON Chan 76 N43°13.19′ W71°34.53′ 033° 22.3 NM to fld. 715/15W. **HIWAS**
BLNAP NDB (MHW/LOM) 328 LC N43°32.20′ W71°32.22′ 083° 5.6 NM to fld.
ILS/DME 108.5 I–LCI Chan 22 Rwy 08. Class IB. LOM BLNAP NDB. DME unusable byd 30° rgt of course.



LEBANON MUNI (LEB) 3W UTC−5(−4DT) N43°37.57′ W72°18.25′ **NEW YORK**
603 B S4 **FUEL** 100LL, JET A OX 1 LRA Class I, ARFF Index A NOTAM FILE LEB **H–11D, 12K, L–32G**
RWY 07–25: H5496X100 (ASPH–GRVD) S–42, D–60 MIRL **IAP, AD**
RWY 07: REIL. PAPI(P4L)—GA 4.0° TCH 50′. Trees.
RWY 25: REIL. VASI(V4L)—GA 3.8°TCH 54′. Ground.
RWY 18–36: H5200X100 (ASPH–GRVD) S–42, D–48 HIRL 0.8% up S
RWY 18: REIL. **RWY 36:** PAPI(P4L)—GA 3.75° TCH 50′. Trees.
AIRPORT REMARKS: Attended 1100–0300Z‡. Occasional deer and bird activity on and invof arpt. 24 hr PPR for unscheduled air carrier ops with more than 30 passenger seats: call arpt manager 603–298–8878. ARFF is only avbl for scheduled air carrier ops 15 min before or after the scheduled arrival or departure times. Prior coordination is required for air carriers operating outside these hrs. Hang glider ops vicinity Mt. Ascutney VT 20 SW Lebanon surface—8000 ft days. No practice low apch or touch and go ldg 0500–1200Z‡. Noise abatement procedures in effect; ctc arpt manager. All arrival/departure acft follow manufacturer's recommended procedure for quiet ops and minimum noise. East ramp clsd. ACTIVATE MIRL Rwy 07–25 and HIRL Rwy 18–36—CTAF. Ldg fees except for non-commercial single engine.
WEATHER DATA SOURCES: ASOS 118.65 (603) 298–8780. LAWRS.
COMMUNICATIONS: CTAF 125.95 **ATIS** 118.65 **UNICOM** 122.95
RCO 122.1R 113.7T (BANGOR RADIO) **RCO** 122.5 122.2 (BANGOR RADIO)
Ⓡ **BOSTON CENTER APP/DEP CON** 134.7
TOWER 125.95 (1100–0300Z‡). **GND CON** 121.6
AIRSPACE: CLASS D svc 1100–0300Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE LEB.
(L) VOR/DME 113.7 LEB Chan 84 N43°40.73′ W72°12.96′ 246° 5 NM to fld. 1460/15W.
VOR unusable 095°–115° byd 30 NM blo 7000′.
DME unusable 045°–075° byd 36 NM blo 10000′; 091°–119° byd 30 NM blo 7500′; 161°–304° byd 30 NM blo 6300′.
HANOVER NDB (MHW) 276 LAH N43°42.14′ W72°10.65′ 245° 7.2 NM to fld.
WHITE RIVER NDB (MHW) 379 IVV N43°33.61′ W72°27.93′ 077° 8.1 NM to fld.
ILS/DME 111.9 I–DVR Chan 56 Rwy 18. LOC unusable byd 30° left of course. LOC unusable byd 30° right of course. LOC unusable inside .5NM inbound.
COMM/NAV/WEATHER REMARKS: 121.5 not available at tower.



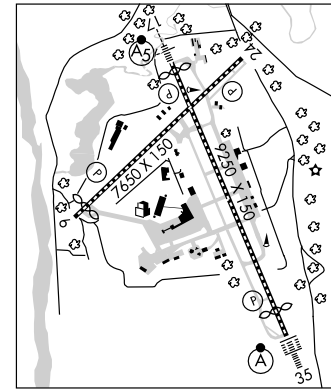
MAHN N44°21.74′ W71°41.16′ NOTAM FILE HIE. **MONTREAL**
L–32H

NDB (MHW) 386 GMA 104° 6.1 NM to Mt Washington Rgnl. Unmonitored.
NDB unusable:
byd 15 NM blo 9000′

MANCHESTER (MHT) 3 S UTC−5(−4DT) N42°55.97′ W71°26.14′ **NEW YORK**
H–11D, 12K, L–32H, 33D
IAP, AD

266 B S4 **FUEL** 100LL, JET A OX 3 LRA Class I, ARFF Index C
NOTAM FILE MHT

RWY 17–35: H9250X150 (ASPH–GRVD) S–200, D–300, ST–175, DT–350 HIRL CL
RWY 17: MALSR. TDZL. PAPI(P4R)—GA 3.1° TCH 49′. Thld dsplcd 336′. Pole. 0.3% up.
RWY 35: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 50′. Thld dsplcd 850′. Trees. 0.8% down.
RWY 06–24: H7650X150 (ASPH–GRVD) S–200, D–300, ST–175, DT–350 HIRL CL
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 50′. Thld dsplcd 442′. Trees.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 50′. Tree.



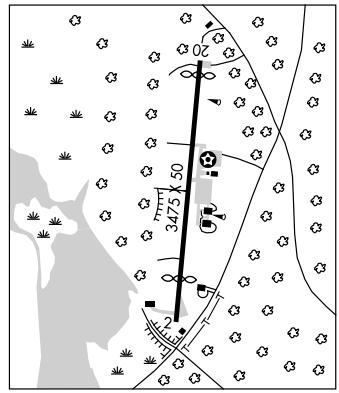
RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–7650 TODA–7650 ASDA–7650 LDA–7208
RWY 17: TORA–9250 TODA–9250 ASDA–9250 LDA–8914
RWY 24: TORA–7650 TODA–7650 ASDA–6850 LDA–6850
RWY 35: TORA–9250 TODA–9250 ASDA–8500 LDA–7650

ARRESTING GEAR/SYSTEM
RWY 06: EMAS

AIRPORT REMARKS: Attended continuously. No touch and go ldgs during snow removal opr. Noise abatement procedures: Turbojet acft should expect a right turn when departing Rwy 17. Twy A safety area S of Twy E to Twy P is 65′ on the west side. Twy C clsd W of Twy A due to construction indef. Jet acft taxiing westbound across Rwy 17–35 at Twy C, Twy D and Twy E must use caution low settings due to lgt acft parked on the east ramp. No taxiing between pushed back acft and the airline terminal or cargo ramps. Acft not permitted to taxi between airline terminal bldg and acft that have pushed back or are taxiing on Twy G or Twy N. Air carrier acft only permitted to oper on airline terminal ramp. Air carriers excluded from Twy L. Rwy 35 touchdown, midfield and rollout runway visual range avbl. Rwy 06 touchdown and rollout runway visual range avbl. Rwy 24 touchdown and rollout runway visual range avbl. Rwy 17 touchdown, midfield and rollout runway visual range avbl. Ldg fee. U.S. Customs user fee arpt.

WEATHER DATA SOURCES: ASOS 119.55 (603) 668–8992. LAWRS.
COMMUNICATIONS: ATIS 119.55 **UNICOM** 122.95
RCO 122.1R 114.4T (BANGOR RADIO)
Ⓡ **BOSTON APP/DEP CON** 124.9
TOWER 121.3 **GND CON** 121.9 **CLNC DEL** 135.9
AIRSPACE: CLASS C svc continuous ctc **APP CON**
RADIO AIDS TO NAVIGATION: NOTAM FILE MHT.
(L) VOR/DME 114.4 MHT Chan 91 N42°52.11′ W71°22.17′ 338° 4.8 NM to fld. 469/15W.
FITZY NDB (LOM) 209 MJ N42°51.85′ W71°31.73′ 061° 5.8 NM to fld.
ILS 109.95 I–MJE Rwy 06. Class IT. LOM FITZY NDB.
ILS/DME 109.1 I–MNA Chan 28 Rwy 17. Class IE.
ILS/DME 109.1 I–MHT Chan 28 Rwy 35. Class IIIE.

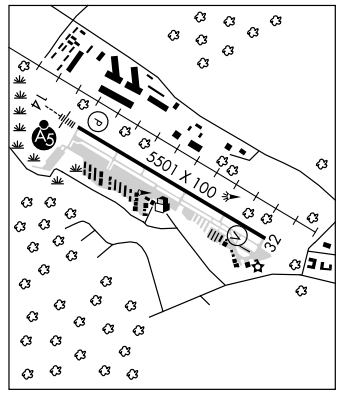
MOULTONBORO (5M3) 1 NE UTC−5(−4DT) N43°46.11′ W71°23.21′ **NEW YORK**
571 B S4 **FUEL** 100LL NOTAM FILE BGR **L–32H**
RWY 02–20: H3475X50 (ASPH) S–8 LIRL (NSTD)
RWY 02: Thld dsplcd 440′. Tree.
RWY 20: Thld dsplcd 145′. Trees.
AIRPORT REMARKS: Attended May–Nov, Mon–Fri 1400–2300Z‡. Dec–Apr irregularly. 24 hr self–service fuel avbl with credit card. Glider ops on and invof arpt. Wildlife on and invof arpt. Rwy 02 p–line along road marked with red balls. Rwy 02–20 NSTD LIRL: lgts are 4 ft high; lgtd only between dsplcd thlds; variable spacing; 2890 ft of rwy lgtd. Rwy thld lighting NSTD. Clear lenses only. Rwy 02 NSTD rwy and dsplcd thld area markings. Rwy 20 NSTD rwy markings, no dsplcd thld area markings. ACTIVATE NSTD LIRL Rwy 02–20 and rotating bcn—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE CON.
CONCORD (L) VORTACW 112.9 CON Chan 76 N43°13.19′ W71°34.53′ 029° 33.9 NM to fld. 715/15W. **HIWAS.**
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor RADIO (BGR) 1–866–295–3835.



MOUNT WASHINGTON RGNL (See WHITEFIELD)

NASHUA

BOIRE FLD (ASH) 3 NW UTC−5(−4DT) N42°46.91′ W71°30.89′ **NEW YORK**
199 B S4 **FUEL** 100LL, JET A1 + OX 1, 2, 3, 4 TPA—See Remarks **H–11D, 12K, L–33C**
NOTAM FILE ASH **IAP, AD**
RWY 14–32: H5501X100 (ASPH) S–62, D–80, ST–102, DT–133 HIRL.
RWY 14: MALSR. PAPI(P4L)—GA 3.0° TCH 51′. Tree.
RWY 32: REIL. VASI(V2L)—GA 3.0° TCH 47′. Tree.
AIRPORT REMARKS: Attended 1200–0200Z‡. Migratory birds and wildlife on and invof arpt. When twr clsd ACTIVATE HIRL Rwy 14–32, REIL Rwy 32 and MALSR Rwy 14 after hrs—CTAF. TPA for light acft is 1199 (1000) and for jet and heavy acft is 1699 (1500). Arpt has noise abatement procedures contact arpt manager 603–882–0661.
WEATHER DATA SOURCES: ASOS 125.1 (603) 578–0473.
COMMUNICATIONS: CTAF 133.2 **ATIS** 125.1
Ⓡ **BOSTON APP/DEP CON** 124.9 **GND CON** 121.8 (When twr clsd)
CLNC DEL 121.8 (When twr clsd)
NASHUA TOWER 133.2 (1200–0200Z‡) **GND CON** 121.8
CLNC DEL 121.8
AIRSPACE: CLASS D svc 1200–0200Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE MHT.
MANCHESTER (L) VOR/DME 114.4 MHT Chan 91 N42°52.11′ W71°22.17′ 246° 8.3 NM to fld. 469/15W.
CHERN NDB (MHW/LOM) 359 AS N42°49.40′ W71°36.13′ 139° 4.6 NM to fld.
ILS 109.7 I–ASH Rwy 14. Class IA. LOM CHERN NDB.



NEWFOUND VALLEY (See BRISTOL)

NEWPORT

PARLIN FLD (2B3) 2 N UTC−5(−4DT) N43°23.29′ W72°11.36′ **NEW YORK**
784 **FUEL** 100LL NOTAM FILE BGR **L–32G**
RWY 18–36: H3450X50 (ASPH) S–12 RWY LGTS(NSTD)
RWY 18: Thld dsplcd 690′. Tree. Rgt tfc. **RWY 36:** Thld dsplcd 240′. Tree.
RWY 12–30: 1950X80 (TURF)
RWY 12: Trees. Rgt tfc. **RWY 30:** Tree.
AIRPORT REMARKS: Attended irregularly. Arpt attendance intermittent, call 603–863–1200. Self svc fuel avbl 24 hrs with credit card. Rwy 12–30 CLOSED Nov–May. Wildlife on and invof arpt. +2″ cracks throughout rwy surface. Noise abatement procedures in effect. Avoid noise sensitive area 3000′ northwest of airport. Ctc arpt manager at 603–863–1220. ACTIVATE RWY 18–36 NSTD rwy lgts and lighted windcone—CTAF. Rwy 18 end indicators NSTD reflector bars.
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE LEB.
LEBANON (L) VOR/DME 113.7 LEB Chan 84 N43°40.73′ W72°12.96′ 191° 17.5 NM to fld. 1460/15W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor FSS 1–866–295–3835.

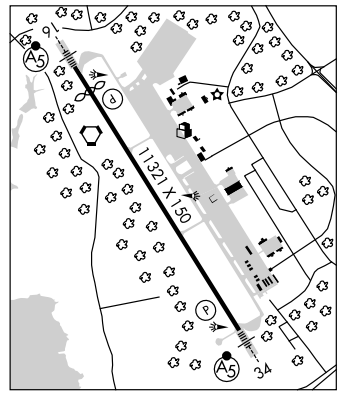
PARLIN FLD (See NEWPORT)

PEASE N43°05.07′ W70°49.92′ NOTAM FILE PSM **NEW YORK**
(L) VOR/DME 116.5 PSM Chan 112 at Portsmouth Intl. at Pease 99/16W. **H–11D, 12K, L–32H, 33D**
VOR/DME unusable:
080°–085° byd 35 NM blo 2500′
DME unusable:
029°–071° byd 35 NM blo 2500′
115°–120° byd 37 NM blo 2500′
190°–205° byd 35 NM blo 2500′
225°–240° byd 25 NM blo 2500′

PLYMOUTH MUNI (1P1) 3 NW UTC−5(−4DT) N43°46.75′ W71°45.22′ **NEW YORK**
505 NOTAM FILE BGR
RWY 12–30: 2380X90 (TURF)
RWY 12: Road. **RWY 30:** Thld dsplcd 300′. Tree.
AIRPORT REMARKS: Attended irregularly. Call 603–536–5818 or 603–254–6361. Wildlife on and invof arpt. Rwy 12–30 soft in spring, not maintained in winter. Ultralight activity on and in vicinity of arpt. Rwy 12–30 has 1161′ MSL mountain 1.5 NM north of Rwy 30 left of centerline. Rwy 12–30 edges and ends marked by yellow cones. Rwy 30 dsplcd thld marked by three yellow cones aligned perpendicular to each rwy edge. Numerous non-radio equipment acft operating from airfld.
WEATHER DATA SOURCES: AWOS–3 118.45 (603) 536–1698.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor RADIO (BGR) 1–866–295–3835.

PORTSMOUTH

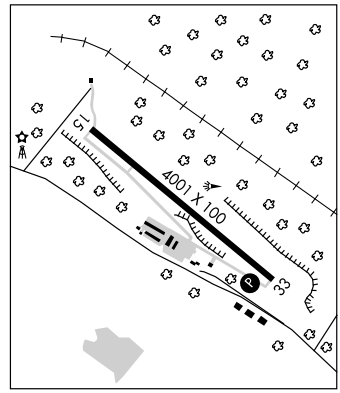
PORTSMOUTH INTL AT PEASE (PSM) 1 W UTC−5(−4DT) N43°04.68′ W70°49.40′ **NEW YORK**
100 B S4 **FUEL** 100LL, JET A OX 3, 4 TPA–See Remarks LRA **H–11D, 12K, L–32H, 33D**
Class I, ARFF Index E NOTAM FILE PSM **IAP, AD**



RWY 16–34: H11321X150 (ASPH–CONC–GRVD) S–120, D–175, DT–175, DDT–549 PCN 53 R/B/X/T HIRL
RWY 16: MALSR. PAPI(P4L)—GA 3.0° TCH 55′. Thld dsplcd 803′. Trees. Rgt tfc. 0.3% down.
RWY 34: MALSR. PAPI(P4L)—GA 3.0° TCH 64′.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 16: TORA–11321 TODA–11321 ASDA–11321 LDA–10518
RWY 34: TORA–11321 TODA–11321 ASDA–11321 LDA–11321
AIRPORT REMARKS: Attended continuously. Birds on and invof arpt. Turbulence apch end Rwy 34 in strong cross winds. Rwy 34 is preferred when tail wind component is less than 5 knots. Rwy 16 is preferred for tkf between 0300–1159Z‡, when tail wind component is 5 knots or less. All inbound acft with hazardous cargo info call twr 60 NM out. Customs office hrs Mon–Fri 1400–2130Z‡, excluding holidays. Customs must be arranged Mon–Fri 1400–2130Z‡ (except holidays) at 603–422–0910. Intl. arrivals must arrange for ground handling prior to arrival. FBO 603–430–1111/128.825. No practice low apch or touch and go ldg 0400–1200Z‡ for local based acft and 0200–1200Z‡ for transient acft or before 1700Z‡ Sun for all acft. During snow removal ops PPR 15 minutes on 128.4 and no practice low apch or touch and go ldg. On other than a published IAP—arriving acft should establish themselves on final apch at least 2 NM from the rwy thld at a minimum of 700 ft MSL. Littlebrook Airpark located 052° 4.4 NM; tfc pattern 1130 ft MSL. Fly downwind leg no closer than ½ mile from rwy. Noise sensitive areas off both end of rwy. Avoid close in base legs/short apchs. On dep maintain rwy heading to 1100 ft MSL or the end of the rwy (whichever occurs last) prior to turning. Rwy 16–34 first 1000 ft both ends CONC–GRVD; remainder is ASPH–GRVD. No 180° turns for acft over 12500 lbs gross weight on ASPH portion of Rwy 16–34. Rwy 16–34 double faced distance markers both sides of rwy at 1000 ft intervals. Rwy 16–34 edge lgts are 24 inches tall; 85 ft from centerline. Rectangular tfc pattern 1600(1500); overhead tfc pattern 2100(2000); light acft 1100(1000). Ldg fee for civil tran acft over 12,500 lbs.
COMMUNICATIONS: ATIS 132.05 (603) 430–3232 **UNICOM** 122.95
Ⓡ **BOSTON APP/DEP CON** 125.05 125.825
TOWER 128.4 **GND CON** 120.95
RADIO AIDS TO NAVIGATION: NOTAM FILE PSM.
PEASE (L) VOR/DME 116.5 PSM Chan 112 N43°05.07′ W70°49.92′ at fld. 99/16W.
ILS 110.1 I–PGQ Rwy 16. Class IA. GS unusable for coupled apch blo 463′ MSL.
ILS 110.1 I–PSM Rwy 34.

ROCHESTER

SKYHAVEN (DAW) 3 SE UTC−5(−4DT) N43°17.04′ W70°55.76′ **NEW YORK**
322 B **FUEL** 100LL TPA—1122(800) NOTAM FILE DAW **L–32H**
RWY 15–33: H4001X100 (ASPH) S–30 MIRL 0.5% up SE **IAP**



RWY 15: Trees.
RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Tree. Rgt tfc.
AIRPORT REMARKS: Attended May–Oct 1300–2300Z‡; Nov–Apr 1300–2100Z‡. Self–serve 100LL avbl 24 hrs with credit card system. Deer on and invof arpt after sunset. Rwy 33 designated calm wind rwy. Ultralight, antique, and non–radio tfc in good weather. Rotating bcn located 3000′ northwest of arpt. ACTIVATE MIRL Rwy 15–33 and PAPI and REIL Rwy 33—CTAF.
WEATHER DATA SOURCES: ASOS 135.275 (603) 332–7814.
COMMUNICATIONS: CTAF/UNICOM 122.7
BOSTON APP/DEP CON 125.05
RADIO AIDS TO NAVIGATION: NOTAM FILE PSM.
PEASE (L) VORTACW 116.5 PSM Chan 112 N43°05.07′ W70°49.92′ 356° 12.7 NM to fld. 99/16W.
ROLLINS NDB (MHW) 260 ESG N43°13.22′ W70°49.70′ 327° 5.9 NM to fld. Unusable byd 10 NM. NOTAM FILE BGR.
SANFD NDB (LOM) 349 SF N43°20.07′ W70°50.06′ 251° 5.1 NM to fld.
COMM/NAV/WEATHER REMARKS: Comm provided by Bangor RADIO on freq 122.25. Clnc del thru Bangor FSS 1–866–295–3835.

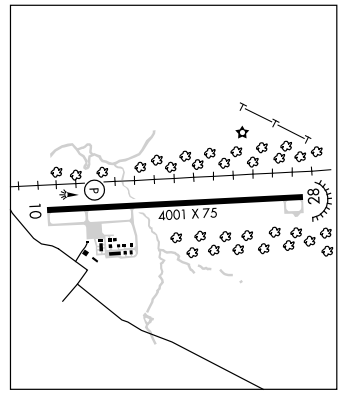
ROLLINS N43°13.22′ W70°49.70′ NOTAM FILE BGR. NEW YORK
NDB (MHW) 260 ESG 327° 5.9 NM to Skyhaven. Unusable byd 10 NM. L–32H, 33D

SKYHAVEN (See ROCHESTER)

TWIN MOUNTAIN (8B2) 1 SW UTC−5(−4DT) N44°15.84′ W71°32.80′ MONTREAL
1459 NOTAM FILE BGR L–32H
RWY 09–27: H2660X60 (ASPH) S–8.5 RWY LGTS (NSTD)
RWY 09: Trees. **RWY 27:** Trees.
AIRPORT REMARKS: Attended irregularly. Wildlife on and invof arpt. Acft are requested to stay on paved surfaces only. Advance notice rqr for rwy lgts call 1–603–846–5505. Rwy 09–27 rwy lgts 15–20′ from rwy edge. Arpt not plowed in winter. For winter conditions call 603–846–5505.
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.
MONTPELIER (L) VORW/DME 110.8 MPV Chan 45 N44°05.13′ W72°26.96′ 090° 40.4 NM to fld. 2080/16W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor FSS 1–866–295–3835.

WHITEFIELD

MOUNT WASHINGTON RGNL (HIE) 3 E UTC−5(−4DT) N44°22.06′ W71°32.67′ MONTREAL
1074 B S4 **FUEL** 100LL TPA—2000(926) NOTAM FILE HIE L–32H
RWY 10–28: H4001X75 (ASPH) S–30 MIRL 0.6% up E. IAP
RWY 10: REIL. PAPI(P4L)—GA 3.5° TCH 45′. Trees.
RWY 28: REIL. Tree. Rgt tfc. Tree.
AIRPORT REMARKS: Attended irregularly. Self–serve fuel avbl 24 hrs with credit card. Wildlife on and invof arpt. ACTIVATE MIRL Rwy 10–28 and REIL Rwy 10 and Rwy 28—CTAF.
WEATHER DATA SOURCES: ASOS 118.525 (603) 837–2769.
COMMUNICATIONS: CTAF/UNICOM 122.8
WHITEFIELD RCO 122.4 (BANGOR RADIO)
Ⓡ **BOSTON CENTER APP/DEP CON** 135.7
RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.
MONTPELIER (L) VORW/DME 110.8 MPV Chan 45 N44°05.13′ W72°26.96′ 082° 42.6 NM fld. 2080/16W.
MAHN NDB (MHW) 386 GMA N44°21.74′ W71°41.16′ 104° 6.1 NM to fld. NOTAM FILE HIE. Unmonitored.
NDB unusable:
byd 15 NM blo 9000′
ILS 109.5 I–HIE RWY 10. LOC only.
COMM/NAV/WEATHER REMARKS: Clnc del thru Bangor FSS 122.4 1–866–295–3835.



WHITEFIELD N44°21.94′ W71°33.15′ MONTREAL
RCO 122.4 (BANGOR RADIO) L–32H

WHITE RIVER N43°33.61′ W72°27.93′ NOTAM FILE LEB. NEW YORK
NDB (MHW) 379 IVV 077° 8.1 NM to Lebanon Muni. L–32G

AEROFLEX–ANDOVER (See ANDOVER)

ALEXANDRIA (See PITTSTOWN)

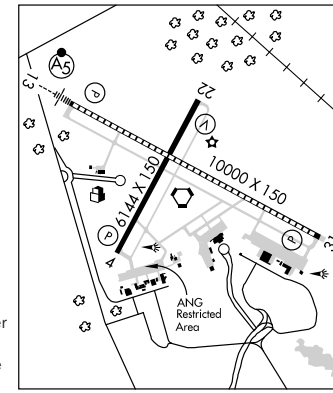
ANDOVER

AEROFLEX–ANDOVER (12N) 2 N UTC−5(−4DT) N41°00.52′ W74°44.28′ **NEW YORK**
583 B S4 **FUEL** 100LL TPA—1600(1017) NOTAM FILE 12N **L–33A, 34H**
RWY 03–21: H1981X50 (ASPH) MIRL **IAP**
RWY 03: Trees. Rgt tfc. **RWY 21:** Tree.
AIRPORT REMARKS: Attended Apr–Nov 1400–2300Z‡, Dec–Mar 1300–2200Z‡. Parallel turf rwy restricted use only. No touch and go ldgs. Deer and birds on and invof arpt. PPR required for ngt transients ctc arpt manager 973–786–5100. Avoid overflying Lake Lenape while on downwind. Arpt restricted to apch category A acft only. Rwy 03–21 lakes at both apch ends. Dirt svc road to terminal area in front of Rwy 03 thld. Noise abatement procedures in effect ctc arpt manager 973–786–5100. ACTIVATE MIRL Rwy 03–21—122.85.
COMMUNICATIONS: CTAF/UNICOM 122.8
STILLWATER RCO 122.1R 109.6T (MILLVILLE RADIO)
Ⓡ **NEW YORK APP/DEP CON** 127.6
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
STILLWATER (L) VOR/DME 109.6 STW Chan 33 N40°59.75′ W74°52.14′ 094° 6.0 NM to fld. 920/11W.

TRINCA (13N) 3 SW UTC−5(−4DT) N40°58.01′ W74°46.81′ **NEW YORK**
600 S2 NOTAM FILE MIV
RWY 06–24: 1924X135 (TURF)
RWY 06: Trees. **RWY 24:** Trees.
AIRPORT REMARKS: Unattended. Arpt CLOSED SS–SR.
COMMUNICATIONS: CTAF/UNICOM 122.8

ATLANTIC CITY INTL (ACY) 9 NW UTC−5(−4DT) N39°27.46′ W74°34.63′ **WASHINGTON**
75 B S3 **FUEL** 100LL, JET A OX 3 Class I, ARFF Index C NOTAM FILE ACY **H–10I, 12I, L–34G**
RWY 13–31: H10000X150 (ASPH–GRVD) S–85, D–120, ST–152, DT–350 HIRL CL **IAP, AD**

RWY 13: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 71′. Road.
RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 69′. Antenna.
RWY 04–22: H6144X150 (CONC–ASPH–GRVD) S–75, D–175, ST–175, DT–400, DDT–900 HIRL
RWY 04: PAPI(P4L)—GA 3.0° TCH 47′. Tree.
RWY 22: VASI(V4L)—GA 3.0°TCH 51′. Trees.



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 04	13–31	3550
RWY 13	04–22	3600
RWY 31	04–22	5750

ARRESTING GEAR/SYSTEMS
RWY 13 BAK–14 BAK–12B(B) (1600′)
BAK–14 BAK–12B(B) (1600′) **RWY 31**

AIRPORT REMARKS: Attended continuously. No training flights 0400–1200Z‡. A-Gear Rwy 31 located 1600 ft from thld, ctc tower for opns. A-Gear Rwy 13 located 1600 ft from thld, ctc tower for opns. Deer, fox and birds on and invof arpt. Rwy 13–31 centerline obscured with rubber. Twy L clsd indef. Twy B has NSTD twy markings between Twy J and Twy K. Taxiway C clsd to dual and double tandem equipped acft. Foreign object damage hazard Twy H, military fighter acft should not use Twy H. Experimental heliport located on N side of arpt restricted to use of FAA project acft only. High performance military acft operating at arpt. Noise abatement procedures in effect ctc arpt ops at 609–645–7895 extension 2002. Charter ops ctc Airport Operations for reservations; call 609–645–7895 extension 2002. FAA apron PPR call 609–485–6482. US Customs user fee arpt. Customs avbl Mon–Fri 1300–2200Z‡. Provide minimum 24 hr advance notice to arrange for Customs. All calls to Customs Mon–Fri 1300–2200Z‡; phone 609–484–1610. U.S. Customs fax 609–484–1614. Ldg fee. Parking fee.

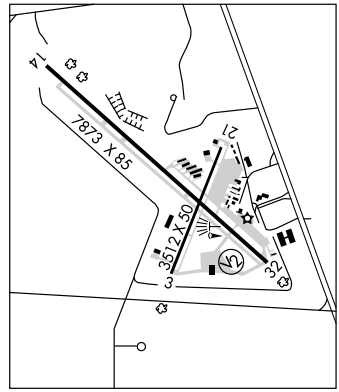
COMMUNICATIONS: ATIS 108.6 (609–485–4444)
RCO 122.55 (MILLVILLE RADIO)
Ⓡ **APP/DEP CON** 134.25 (310–129°) 124.6 (130–309°)
TOWER 120.3 **GND CON** 121.9 **CLNC DEL** 127.85

AIRSPACE: CLASS C svc continuous ctc **APP CON**

RADIO AIDS TO NAVIGATION: NOTAM FILE ACY.
(L) VORTAC 108.6 ACY Chan 23 N39°27.35′ W74°34.58′ at fld. 70/10W.
VORTAC unusable 290°–300° byd 10 NM blo 4000′.
VOR unusable 301°–355° byd 35 NM blo 2000′
NAADA NDB (LOM) 336 PV N39°29.89′ W74°40.35′ 129° 5.1 NM to fld.
ILS/DME 109.1 I–PVO Chan 28 Rwy 13. Class IT. LOM NAADA NDB.
ILS/DME 109.1 I–ACY Chan 28 Rwy 31.
ASR

BELMAR/FARMINGDALE

MONMOUTH EXECUTIVE (BLM) 5 W UTC−5(−4DT) N40°11.21′ W74°07.48′ **NEW YORK**
153 B S4 **FUEL** 100LL, JET A TPA—994(841) NOTAM FILE BLM **H–10I, 12I, L–34H**
RWY 14–32: H7873X85 (ASPH) MIRL(NSTD) 0.5% up SW **IAP**
RWY 14: REIL. Trees. **RWY 32:** REIL. PVASI(PSIL). Trees.
RWY 03–21: H3512X50 (ASPH)
RWY 03: Trees. **RWY 21:** Tree.

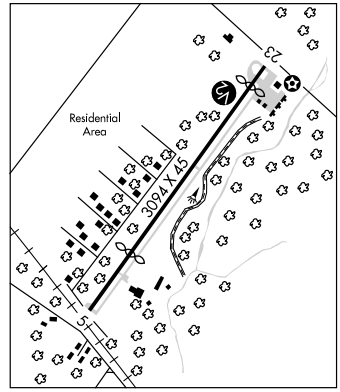


AIRPORT REMARKS: Attended 1100–0400Z‡. 24 hr self service 100LL avbl. Parachute Jumping. Deer and birds on and invof arpt. Rwy 03–21 CLOSED to acft over 12,500 pounds. No helicopter activity northeast of Rwy 14. Banner tow ops area only Helicopter instruction by pre–arrangement only 732–938–4800. Heavy banner towing ops Memorial to Labor Day north of Rwy 14–32. For rwy conditions during snowy weather call 732–751–0044. Rwy 14–32 first 575′ at AER 32 85′ wide, remainder Rwy 14–32 100′ wide. Rwy 14–32 NSTD twy separation 185′. Berm 36 ft high, N Rwy 14–32 65 ft from centerline. Loose gravel and broken asph in ramp area E side of arpt. No touch and go ldgs Fri, Sat, Sun. Twys NSTD markings, rwy hold markings on twys NSTD placement. Twy lines do not ensure wingtip/rotor clearance at NW end of parallel twy. Rwy 32 NSTD precision instrument runway, NSTD numbers placement before thld bar. Rwy numbers incorrect placement before thld bar. Rwy 14–32 NSTD MIRL, REIL Rwy 14 and Rwy 32 not co–located at rwy thld. No Rwy 32 thld lgts, Rwy 14 thld lights NSTD placement 245′ before thld bar. NSTD MIRL Rwy 14–32 and REIL Rwy 14 and Rwy 32 opr dusk–0400Z‡. To prearrange for rwy lights after 0400Z‡ call 732–751–0044. Rotating bcn opr dusk–0400Z‡. To prearrange for bcn after 0400Z‡ call 732–751–0044. Ldg fee.

WEATHER DATA SOURCES: AWOS–3 121.625 (732) 938–3330.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **McGUIRE APP/DEP CON** 124.15 **CLNC DEL** 126.15
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
COLTS NECK (L) VORW/DME 115.4 COL Chan 101 N40°18.70′ W74°09.58′ 179° 7.7 NM to fld. 129/11W.
ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14′ W74°29.70′ 103° 17 NM to fld. 248/10W.

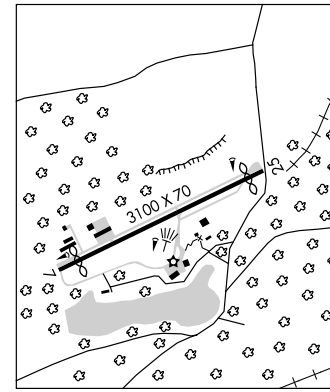
BERLIN

CAMDEN CO (19N) 1 SW UTC−5(−4DT) N39°46.71′ W74°56.87′ **WASHINGTON**
149 B S4 **FUEL** 100LL, JET A TPA—1149(1001) NOTAM FILE MIV **L–34G, A**
RWY 05–23: H3094X45 (ASPH) MIRL 0.3% up SW **IAP**
RWY 05: REIL. Thld dsplcd 740′. Tree.
RWY 23: REIL. PVASI (PSIR). Thld dsplcd 239′. Tree.



AIRPORT REMARKS: Attended 1300‡–2200Z‡. Trees along northwest side of Rwy 05–23. REIL Rwy 23 OTS indef. ACTIVATE MIRL Rwy 05–23, REIL Rwy 05 and Rwy 23 and PVASI Rwy 23, rotating bcn—CTAF.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **McGUIRE APP/DEP CON** 124.15
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
CEDAR LAKE (L) VORTAC 115.2 VCN Chan 99 N39°32.26′ W74°58.03′ 014° 14.5 NM to fld. 120/10W.

BLAIRSTOWN (1N7) 2 SW UTC−5(−4DT) N40°58.27′ W74°59.85′ **NEW YORK**
372 B S4 **FUEL** 100LL OX2 TPA—1402(1030) NOTAM FILE MIV **L–33A, 34H**
RWY 07–25: H3100X70 (ASPH) MIRL **IAP**
RWY 07: Thld dsplcd 296′. Trees.
RWY 25: Thld dsplcd 246′. Trees.
AIRPORT REMARKS: Attended 1200–2300Z‡. 24 hr self svc fuel. Hill northeast of arpt may require pilots execute steep apch to Rwy 25. ACTIVATE MIRL Rwy 07–25—CTAF. Gliders opr from turf area just south of Rwy 07–25.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **NEW YORK APP/DEP CON** 127.6 (From East)
Ⓡ **ALLENTOWN APP/DEP CON** 119.65 (From West)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
STILLWATER (L) VOR/DME 109.6 STW Chan 33 N40°59.75′ W74°52.14′ 267° 6.0 NM to fld. 920/11W.



BRIDGETON

BUCKS (ØØN) 3 NE UTC−5(−4DT) N39°28.39′ W75°11.11′ **WASHINGTON**
105 TPA—1005(900) NOTAM FILE MIV
RWY 18–36: 1900X150 (TURF) LIRL
RWY 18: Tree. **RWY 36:** Tree.
AIRPORT REMARKS: Attended dawn–dusk. For LIRL Rwy 18–36 call 856–455–3990. Arpt CLOSED to all transient acft Jan 1 to Apr 1 because of soft rwy conditions, for PPR call 856–455–3990.
COMMUNICATIONS: CTAF 122.9

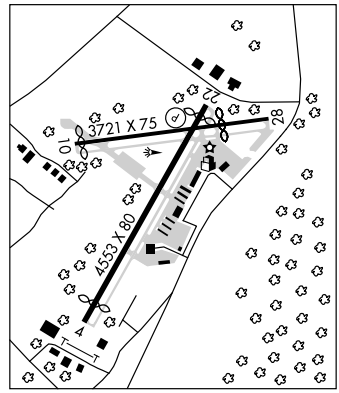
LI CALZI (N5Ø) 2 S UTC−5(−4DT) N39°24.51′ W75°14.23′ **WASHINGTON**
42 TPA–800(758) NOTAM FILE MIV
RWY 12–30: 2773X100 (TURF)
RWY 12: Trees. **RWY 30:** Tree.
AIRPORT REMARKS: Attended irregularly. Arpt CLOSED to all traffic until further notice. Rwy unusable. Turf sfc plowed and furrowed. Ldg fee.
COMMUNICATIONS: CTAF 122.9

BROADWAY N40°47.91′ W74°49.31′ NOTAM FILE MIV. **NEW YORK**
(L) VORW/DME 114.2 BWZ Chan 89 158°12.4 NM to Somerset. 1048/11W. **H–10I, L–33A, 34H**
VOR portion unusable:
125°–240°below 3000′;
125°–180° beyond 15 NM below 5000′
180°–210° beyond 15 NM all altitudes
210°–235° beyond 15 NM below 5000′
RCO 122.35 (MILLVILLE RADIO)

BUCKS (See BRIDGETON)

CALDWELL

ESSEX CO (CDW) 2 N UTC−5(−4DT) N40°52.51′ W74°16.88′ **NEW YORK**
173 B S4 **FUEL** 100LL, JET A OX 4 TPA—See remarks NOTAM FILE CDW **COPTER**
RWY 04–22: H4553X80 (ASPH) S–30 HIRL **L–33A, 34H**
RWY 04: Thld dsplcd 371′. Tree. **IAP, AD**
RWY 22: REIL. PAPI(P4R)—GA 3.0° TCH 42′. Thld dsplcd 135′. Trees. Rgt tfc.
RWY 10–28: H3721X75 (ASPH) S–12.5 MIRL
RWY 10: Thld dsplcd 166′. Trees.
RWY 28: Thld dsplcd 825′. Trees. Rgt tfc.



AIRPORT REMARKS Attended 1200–0400Z‡. Turbo jet acft ldg and tkf restricted to Rwy 04–22, ldg Rwy 10–28 restricted to 12,500 pounds and below. Touch and go landings limited to based aircraft only. Deer and birds on and invof arpt. Local ops suspended Mon–Sat 0400–1200Z‡ and 0400Z‡ Sat–1500Z‡ Sun. TPA for large and turbojet acft 1700(1527); light acft 1200(1027). Fixed-wing VFR acft departure: Rwy 04—from departure end rwy heading for 1 mile then if remaining in the pattern turn to crosswind; if departng pattern continue straight out or exit with a 45° left turn after reaching pattern altitude. Fixed–wing VFR acft departure: Rwy 10—from departure end turn left heading 080° until 900 ft MSL then if remaining in the pattern turn to crosswind; if departing pattern continue straight out or exit with a 45° left turn after reaching pattern altitude. Fixed–wing VFR acft departure: Rwy 22—from departure end turn right heading 230° until 900 ft MSL then if remaining in the pattern turn to crosswind; if departing pattern continue straight out or exit with a 45° right turn after reaching pattern altitude. Fixed–wing VFR acft departure: Rwy 28—from departure end rwy heading for 1 mile then if remaining in the pattern turn to crosswind; if departing pattern continue straight out or exit with a 45° right turn after reaching pattern altitude. Pilots be alert—the Teterboro VOR/DME or GPS–A; the Passaic River visual Rwy 06 and Cedar Grove visual Rwy 01 apchs transit Essex Co arpt CLASS D airspace. Traffic passes north of the arpt descending from 3000 ft MSL to 2000 ft MSL. Pilots be alert—the Morristown ILS and NDB or GPS Rwy 23 apchs transit Essex Co CLASS D airspace. Traffic passes two miles west of the arpt descending through 2000 ft MSL. Rwy 22 PAPI unusable byd 5° right of centerline due to obstruction. When twr clsd MIRL Rwy 10–28 and HIRL Rwy 04–22 preset med ints. REIL Rwy 22 avbl high ints only. ACTIVATE HIRL Rwy 04–22 and REIL Rwy 22—CTAF. Landing fee for all transient acft. NOTE: See Special Notices—Instrument Approach—Airspace Interaction Chart.

WEATHER DATA SOURCES: ASOS (973) 575–4417.
COMMUNICATIONS: CTAF 119.8 **ATIS** 135.5 **UNICOM** 122.95
Ⓡ **NEW YORK APP CON** 127.6 Ⓡ**NEW YORK DEP CON** 119.2
CALDWELL TOWER 119.8 (1200–0400Z‡) **GND CON** 121.9 **CLNC DEL** 121.1
AIRSPACE: CLASS D svc 1200–0400Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.
TETERBORO (T) VORW/DME 108.4 TEB Chan 21 N40°50.93′ W74°03.74′ 289°10.1 NM to fld. 10/11W.
MOREE NDB (LOM) 392 MM N40°52.79′ W74°20.06′ 108° 2.4 NM to fld.
PATERSON NDB (MHW) 347 PNJ N40°56.79′ W74°09.05′ 249°7.1 NM to fld. NOTAM FILE MIV. Unusable 260°–040° beyond 15NM.
ILS 109.35 I–CDW Rwy 22. LOC only.
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at tower.

CAMDEN CO (See BERLIN)

CAPE MAY CO (See WILDWOOD)

CEDAR LAKE N39°32.26′ W74°58.03′ NOTAM FILE MIV. **WASHINGTON**
(L) VORTAC 115.2 VCN Chan 99 216° 11.3 NM to Millville Muni. 120/10W. **H–10I, L–34G, A**
RCO 122.1R 115.2T (MILLVILLE RADIO)

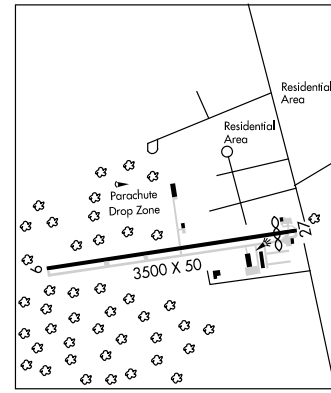
CENTRAL JERSEY RGNL (See MANVILLE)

CHATHAM N40°44.46′ W74°25.79′ NOTAM FILE MIV. **NEW YORK**
NDB (MHW) 254 CAT 022°3.6 NM to Morristown Muni. **L–33A, 34H**

COLTS NECK N40°18.70′ W74°09.58′ NOTAM FILE MIV. **NEW YORK**
(L) VORW/DME 115.4 COL Chan 101 179° 7.7 NM to Monmouth Executive. 129/11W. **H–10I, L–34H**
VOR portion unusable:
351°–030° byd 30 NM blo 3000′ 031°–179° byd 15 NM blo 6000′
241°–329° byd 15 NM blo 3000′ and byd 30 NM blo 6000′
RCO 122.3 (MILLVILLE RADIO)

COYLE N39°49.04′ W74°25.90′ NOTAM FILE MIV. **WASHINGTON**
(H) VORTAC 113.4 CYN Chan 81 054°9.2 NM to Robert J Miller. 210/10W. **H–10I, L–34G**
RCO 122.1R 113.4T (MILLVILLE RADIO)

CROSS KEYS (17N) 1 S UTC−5(−4DT) N39°42.33′ W75°01.98′ **WASHINGTON**
162 S4 **FUEL** 100LL TPA—1000(838) NOTAM FILE MIV **L–34G, A**
RWY 09–27: H3500X50 (ASPH) S–13 LIRL(NSTD) 0.7% up E **IAP**
RWY 09: Trees. Rgt tfc. **RWY 27:** Thld dsplcd 200′. Tree.
AIRPORT REMARKS: Attended 1300–2200Z‡. Parachute Jumping. Due to parachute drop zone on north side of arpt all tfc is to remain south of Rwy 09–27. Deer and birds on and invof arpt. Rwy 27 road, fence and trees near app end. Rwy 09–27 asphalt cracked/loose. Rwy 27 dsplcd thld marked with lgts. Rwy 09–27 NSTD LIRL. All lgt spacing NSTD. Rwy 09 no yellow caution zone lgts. Rwy hold markings less than std dsplcmnt from rwy. Arpt windsock located on hangar south of rwy. ACTIVATE LIRL Rwy 09–27—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PHILADELPHIA APP/DEP CON** 127.35 **CLNC DEL** TF 800–354–9884
GCO 121.725 (NEW YORK FSS)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
WOODSTOWN (L) VORTAC 112.8 OOD Chan 75 N39°38.16′ W75°18.18′ 082° 13.2 NM to fld. 140/10W.



EAGLES NEST (See WEST CREEK)

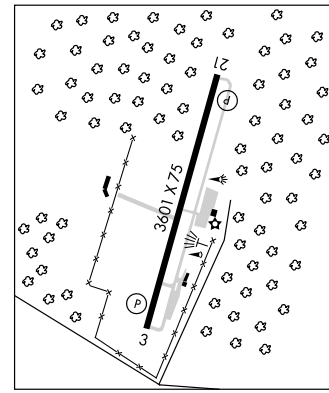
ESSEX CO (See CALDWELL)

FLYING W (See LUMBERTON)

GREENWOOD LAKE (See WEST MILFORD)

HACKETTSTOWN (NØ5) 3 SW UTC−5(−4DT) N40°49.21′ W74°51.31′ **NEW YORK**
670 S2 **FUEL** 80, 100LL NOTAM FILE MIV
RWY 05–23: H2200X50 (ASPH) S–5
RWY 05: House. **RWY 23:** Tree.
AIRPORT REMARKS: Attended dawn–dusk.
COMMUNICATIONS: CTAF 122.9

HAMMONTON MUNI (N81) 3 NE UTC−5(−4DT) N39°40.05′ W74°45.46′ **WASHINGTON**
65 B S4 **FUEL** 100LL, JET A NOTAM FILE MIV **L–34G, A**
RWY 03–21: H3601X75 (ASPH) S–12 MIRL **IAP**
RWY 03: PAPI(P2L)—GA 3.5° TCH 25′. Trees.
RWY 21: PAPI(P2L)—GA 3.25° TCH 20′. Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. On–arpt ctc: 609–704–1119. Rwy 03 deep ditch parallel to first 500′ of rwy on right side within 100′ of centerline. Be alert. Deer in vicinity of airport. Arpt has glider operations. Rwy 03 tall trees on approach. Automated unicom ACTIVATE—CTAF. ACTIVATE MIRL Rwy 03–21—123.5. PAPI Rwy 03 and Rwy 21 opr continuous.
COMMUNICATIONS: CTAF/AUNICOM 122.7
Ⓡ **ATLANTIC CITY APP/DEP CON** 134.25
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
CEDAR LAKE (L) VORTAC 115.2 VCN Chan 99 N39°32.26′ W74°58.03′ 061° 12.4 NM to fld. 120/10W.



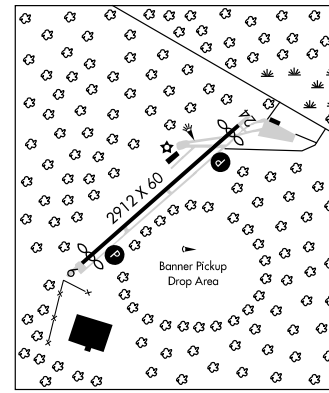
JOBSTOWN

REDWING (2N6) 1 S UTC−5(−4DT) N40°01.59′ W74°41.56′ **NEW YORK**
75 S2 TPA—800(725) NOTAM FILE MIV
RWY 06–24: 1830X50 (TURF)
RWY 06: Tree. **RWY 24:** Road.
RWY 11–29: 1590X70 (TURF) RWY LGTS (NSTD)
RWY 11: Trees. Rgt tfc. **RWY 29:** Tree.
AIRPORT REMARKS: Attended irregularly. Night landings prohibited due to permanent reduction in length of Rwy 11–29. NSTD lighting Rwy 11–29 OTS indef. Rwy 11–29 NSTD edge lgts, brightness adjustable low–high.
COMMUNICATIONS: CTAF 122.9

KROELINGER (See VINELAND)

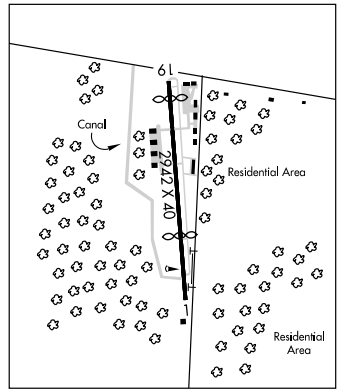
LAKEHURST NAES (MAXFIELD FLD) (NEL)(KNEL) N (A) 3 W UTC−5(−4DT) **NEW YORK**
N40°02.11′ W74°21.13′ **H–10I, 12I, L–34G**
101 B NOTAM FILE MIV Not insp. **DIAP, AD**
RWY 06–24: H5002X150 (ASPH) PCN 57 F/B/W/T HIRL 0.3% up NE
RWY 24: MALSR. PAPI(P4L). Rgt tfc.
RWY 15–33: H5001X150 (ASPH) PCN 57 F/B/W/T HIRL
RWY 15: Rgt tfc. **RWY 33:** PAPI(P4L).
MILITARY SERVICE: LGT Rotating bcn 110° 2 NM from arpt. **JASU** 2(GTC–85) 1(NCPP–105) 1(NC–8)
FUEL J8. Avbl 1100–2300Z‡. Hot pit PPR DSN 624–2438/4995, C732–323–2438/4995. **FLUID** SP LOX 12 hr prior notice rqr. **OIL** O–156 **TRAN ALERT** Svc avbl Mon–Fri 1100–2300Z‡. Advise parking Navy or Army line.
MILITARY REMARKS: Opr Mon–Wed 1200–0400Z‡, Thu–Fri 1200–0000Z‡, first Sat each month 1200–0000Z‡, clsd Sat except first Sat each month, Sun, and federal hol. Mon–Wed 0000–0400Z‡ rstd to participating NVD acft only. (no acft opr will be approved outside these hr without 48 hr PPR.) Base OPS and wx opr 1200–2000Z‡ (no forecast avbl). **RSTD** PPR for all tran acft DSN 624–2438/4995, C732–323–2438/4995. Instrument apch not avbl during tethered Aerostat ops 3400′ and blo (VMC only). **CAUTION** Deer and bird hazard. **TFC PAT**–Rgt tfc Rwy 15 and Rwy 24. **MISC**–Class D airspace eff Mon–Wed 1200–0400Z‡, Thu–Fri 1200–0000Z‡, first Sat each month 1200–0000Z‡. OT Class E. **A** Opr 1230–2100Z‡. Helicopter ldg Ft. Monmouth, PPR DSN 624–2115. See Greely and Charles Wood AHP listings in VFR Supplement. Fixed Wing with Code 7 and abv go to Navy Ramp. All tran Army acft svc with Navy tran line. Transportation to Ft. Monmouth rqr 24 hr prior notice, DSN 992–1444.
COMMUNICATIONS: SFA
ROBBINSVILLE RCO 122.1R 113.8T (MILLVILLE RADIO)
Ⓡ **MC GUIRE APP/DEP CON** 124.15 363.8
TOWER 127.775 360.2 340.2 (Mon–Fri 1200–0000Z‡, exc alternate Fri, every Sat, Sun and holidays.)
GNC CON 118.375 307.05
AIRSPACE: CLASS D svc Mon–Wed 1200–0400Z‡, Thu–Fri 1200–0000, first Sat each month 1200–0000Z‡. OT Class E.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14′ W74°29.70′ 157° 12.0 NM to fld. 248/10W.
COLTS NECK (L) VORW/DME 115.4 COL Chan 101 N40°18.70′ W74°09.58′ 219° 18.8 NM to fld. 129/11W.
(T) TACAN Chan 55 NEL (111.8) N40°02.22′ W74°21.19′ at fld. 137/11W. NOTAM FILE NEL. Unmonitored Mon–Fri 2400–1200Z‡, Sat, Sun and Federal holidays 24 hours.
NDB (MHW) 396 NEL N40°02.69′ W74°20.13′ 13′ at fld. NOTAM FILE NEL. Mon–Fri 1200–0000Z‡ exc alternate Fri.

LAKEWOOD (N12) 3 SE UTC−5(−4DT) N40°04.01′ W74°10.66′ **NEW YORK**
43 B S4 **FUEL** 100LL TPA—843(800) NOTAM FILE MIV **L–34H**
RWY 06–24: H2912X60 (ASPH) S–25 MIRL 0.3% up SW **IAP**
RWY 06: PAPI(P2R)—GA 3.5° TCH 20. Thld dsplcd 264′. Fence.
RWY 24: PAPI(P2L)—GA 3.25° TCH 22. Thld dsplcd 247′. Road. Rgt tfc.
AIRPORT REMARKS: Attended May–Oct 1300–0100Z‡. Nov–Apr 1300–2300Z‡. Svcs avbl after hrs call 908–433–9593. Heavy banner towing ops summer. Avoid overflying banner pickup and drop area southeast of Rwy 06–24. ACTIVATE MIRL Rwy 06–24 and PAPI Rwy 06 and Rwy 24—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **McGUIRE APP/DEP CON** 124.15
GCO 121.725 (ISLIP FSS)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
COYLE (H) VORTAC 113.4 CYN Chan 81 N39°49.04′ W74°25.90′ 048°19.0 NM to fld. 210/10W.



LI CALZI (See BRIDGETON)

LINCOLN PARK (NØ7) 2 N UTC−5(−4DT) N40°56.85′ W74°18.87′ **NEW YORK COPTER**
182 B S4 **FUEL** 100LL OX 4 TPA—1202(1020) NOTAM FILE MIV **L–33A, 34H**
RWY 01–19: H2942X40 (ASPH) MIRL **IAP**
RWY 01: Thld dsplcd 840′. Trees.
RWY 19: Thld dsplcd 260′. Antenna.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Deer and birds invof rwy. Touch and go ldgs prohibited. Narrow taxilanes and twys caused by NSTD clncs. Displcd thld lgts lctd 108′ short of displcd thld markings. ACTIVATE MIRL Rwy 01–19—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 127.6
GCO 121.725 (MIV FSS)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SPARTA (H) VORTACW 115.7 SAX Chan 104 N41°04.05′ W74°32.30′ 136° 12.5 NM to fld. 1410/11W.
MOREE NDB (LOM) 392 MM N40°52.79′ W74°20.06′ 024° 4.0 NM to fld.

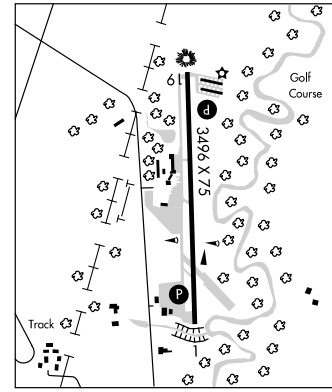


LINDEN (LDJ) 1 SE UTC−5(−4DT) N40°37.05′ W74°14.68′ **NEW YORK COPTER**
23 B S2 **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE MIV **L–33A, 34H**
RWY 09–27: H4137X100 (ASPH) S–31.5, D–42 MIRL **IAP**
RWY 09: REIL. VASI(V4R)—GA 3.8° TCH 60′. Thld dsplcd 460′. Pole.
RWY 27: REIL. VASI(V4L)—GA 3.25° TCH 47′. Thld dsplcd 543′. Antenna.
AIRPORT REMARKS: Attended Oct–Apr 1330–2300Z‡, May–Sep 1200–0130Z‡. Birds on and invof arpt. Touch and go ldgs for base assigned acft; all others ctc arpt manager 908–862–8800 for PPR. TPA 800′ MSL; Rwy 9 enter TFC pattern upwind, entries other rwys standard. Departing Rwy 27 depart straight out to 800 ft. Noise abatement procedures in effect. Rwy 09 VASI is baffled to cut off the lgt beam at 6° each side of rwy centerline extended, total usable width is 12°. Rwy 09–27 shoulder markings NSTD. ACTIVATE MIRL Rwy 09–27, VASI Rwy 09 and 27—CTAF. Ldg fee.
WEATHER DATA SOURCES: AWOS–3 124.025 (908) 862–7383.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **NEW YORK APP CON** 135.35 Ⓡ**NEW YORK DEP CON** 119.2 126.7
NEWARK TOWER CLNC DEL 128.35
RADIO AIDS TO NAVIGATION: NOTAM FILE JFK.
CANARSIE (T) VORW/DME 112.3 CRI Chan 70 N40°36.75′ W73°53.67′ 282° 16 NM to fld. 10/11W.

LITTLE FERRY SPB (2N7) 1 E UTC−5(−4DT) N40°51.01′ W74°01.98′ **NEW YORK COPTER**
00 TPA—500(500) NOTAM FILE MIV
WATERWAY 01–19: 5500X150 (WATER)
WATERWAY 01: Towers. **WATERWAY 19:** Bridge. Rgt tfc.
SEAPLANE REMARKS: Attended Tue–Sun 1400Z‡–dusk. Dalgt use only.
COMMUNICATIONS: CTAF/UNICOM 122.8

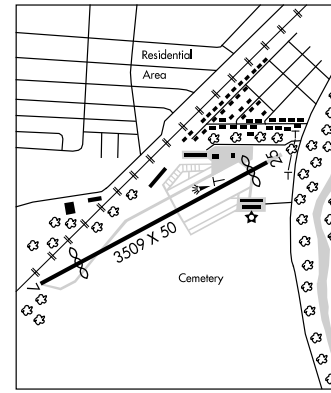
LUMBERTON

FLYING W (N14) 01 SW UTC−5(−4DT) N39°56.06′ W74°48.43′ **WASHINGTON**
49 B S4 **FUEL** 100LL, JET A NOTAM FILE MIV **L–34G, A**
RWY 01–19: H3496X75 (ASPH) MIRL 0.4% up N **IAP**
RWY 01: REIL. PAPI(P2L)—GA 3.50°. TCH 26′. Trees. Rgt tfc.
RWY 19: REIL. PAPI(P2L)—GA 3.20°. TCH 22′.
AIRPORT REMARKS: Attended Apr–Oct 1200–0200Z‡, Nov–Mar 1200–0000Z‡. East–west ravine crosses extended centerline Rwy 01 100′ from thld. Deep retention pond 23′ west of parallel twy centerline north of ops building. ACTIVATE MIRL Rwy 01–19 PAPI and REIL Rwys 01 and 19, and twy lgts—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **McGUIRE APP/DEP CON** 124.15
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14′ W74°29.70′ 232° 21.6 NM to fld. 248/10W.



MANVILLE

CENTRAL JERSEY RGNL (47N) 1 S UTC−5(−4DT) N40°31.46′ W74°35.90′ **NEW YORK**
86 B S4 **FUEL** 100 TPA—1086(1000) NOTAM FILE MIV **L–33A, 34H**
RWY 07–25: H3509X50 (ASPH) S–30 MIRL (NSTD) 0.6% up SW. **IAP**
RWY 07: Thld dsplcd 580′. RR.
RWY 25: Thld dsplcd 265′. Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk except Christmas and New Years. Heavy ultralgt activity May–Oct south of Rwy 07–25. Banner tow ops southwest of Rwy 07. Paved overrun apch end Rwy 25, 216′ long. Unusable, steep slope. First 272′ Rwy 25 unlgtd. Rwy 25 thld lgts located 265′ prior to end of rwy, only one lgt on each side. Last half of rwy lgts do not have split clear/amber lenses. Rwy 07 thld located 37′ prior to dsplcd thld, 585′ from pavement end.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **NEW YORK APP/DEP CON** 132.8
GCO 121.725 (MILLVILLE FSS)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
YARDLEY (L) VOR/DME 108.2 ARD Chan 19 N40°15.20′ W74°54.46′ 051° 21.6 NM to fld. 300/10W.



MAXFIELD FLD (See LAKEHURST)

MC GUIRE (JB–MDL) (WRI)(KWRI) AF (A ANG) 2 SE UTC−5(−4DT) N40°00.94′ W74°35.50′ **NEW YORK**
131 B TPA—See Remarks AOE NOTAM FILE WRI Not insp. **H–10I, 12I, L–34G**
RWY 06–24: H10001X150 (ASPH) PCN 54 R/B/W/T HIRL CL **DIAP, AD**
RWY 06: ALSF2. TDZL. PAPI(P4L)—GA 2.7°. **RWY 24:** SALS. PAPI(P4L)—GA 2.7°. Rgt tfc.
RWY 18–36: H7140X150 (ASPH) PCN 55 R/B/W/T HIRL
RWY 18: REIL. PAPI. Rgt tfc. **RWY 36:** REIL. PAPI.
MILITARY SERVICE: LGT Rwy 6 and Rwy 24: ILS/PAR and PAPI glidepaths not coincidental. **JASU** (C–26) (MD–3) 6(MA–1A) 1(MA–1) **FUEL** J8 **FLUID** SP PRESAIR LHOX LOX (C–5, KC–10, 747 de–icing limited to wing only. 3 hr prior notice rqr.) **OIL** O–128–133–148–156 **TRAN ALERT** Svc avbl 24 hours daily.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Info. **RSTD** PPR except AMC, AMC gained and AMC contract missions. PPR for all acft carrying/loading Distinguished Visitors or hazardous cargo and air evacuation regardless of affiliation. Request approval thru Afld Management OPS DSN 650–2714, C609–754–2714 fax extension 6465, minimum 24 hr prior notice for weekday, 48 hr prior notice weekend and holiday. All inbound PAX/cargo acft ctc Comd Post no later than 30 min prior to ldg. AMC acft opr restricted during Bird Watch condition Moderate (tkf or ldg permission only when dep/arr route avoid identification bird activity, no local IFR/VFR tfc pattern act) and Severe (tkf and ldg prohibited without OG/CC approval), ctc Afld Management OPS for current Bird Watch condition. During Phase II Bird Aircraft Strike Hazard Window (+/− 1 hr of SR/SS), no tkf or landing permission. 305 OG/CC waiver authority. Bird hazard (waterfowl) heavy during Phase II Bird Aircraft Strike Hazard Window. Phase II normally begins 1 Aug and ends 30 Nov. 180° turns rstd to concrete portions of the rwys only. Romeo Row spots 5–9 clsd to power acft opr due to pavement erosion, increased foreign object damage potential and decreased load bearing capacity. Romeo Row spots 3 and 4 clsd to acft parking. Spot 4 must remain open for acft to taxi thru to conduct engine run crew change (ERCC) ops. Spot 3 clsd for safety during ERCC ops. ANG ramp restriction due to Navy hangar construction. No acft ops authorized on Zulu Row spots 7, 8, and 9. Only tow ops authorized in/out of spots. Twy J suitable for all acft exc B747 that exceed 875K. **CAUTION** Military acft perform aggressive VFR tactical maneuvers invof LAKE HURST NAES at alt up to 5,500′ MSL. Use extreme vigilance. Due to isolated bird movement patterns it is possible for Rwy 06–24 and Rwy 18–36 to have different Bird Watch conditions. Consult ATIS for current Bird Watch condition. Rwy 18–36 has no overruns and shoulders. Rwy 18–36 has no twy exit signs for Twy J and Twy K. Acft using Twy D must follow nose wheel lines. Deviating from nose wheel lines may result in acft taxiing over pavement with unsuitable weight bearing capacity. Ops on Twy D requiring deviation from nose wheel lines not authorized. Twy B and Twy C clsd indef. Extensive non–control VFR acft within 20 NM of arpt. Hydroplaning possible last 3000′ all rwys due to rubber buildup. Non–standard markings on X–Ray row for C–17 wingtip training and combat offload ops, Victor row for alert msn, Alpha and Romeo Row for combat offload ops. Twy K, Twy L and Twy T are unlighted but have reflective twy devices. Anticipate varying winds, wind shear or turbulent conditions first 3000′ Rwy 24 when strong norhtwest wind is present due to hangar obstructions. Rwy 18–36 ldg zone markings midfield. Night vision devices opr every Tues 0300–0400Z‡ and Sat 0230–0330Z‡. No arr/dep except alert launches and emerg acft recoveries. All acft req arr/dep during night vision devices period ctc Comd Post in advance and receive 305 OG/CC approval. When Rwy 18–36 in use for NVD ops and raised covert lighting in place on the rwy, non–participating acft and vehicles will not be able to operate on the rwy. 108 ARW acft may cross the rwy at Twy H or Twy L. NOTAM transmit if night vision devices opr cancel. Increased foreign object debris hazard potential. Sweeper ops in effect on Rwy 06–24 from 1400–1630Z‡ and on Rwy 18–36, from 1900–2100Z‡, first and third Friday of every month. Practice apchs ltd to restricted low apch only during these periods. **TFC PAT** TPA—Overhead maintain 2500(2369) until 5 DME from arpt, then descend to 2100(1969) on initial. Rectangular altitude 1600(1469). Light acft/helicopter altitude 800(669). **MISC** ATC will enhance surface observation when twr visibility is less than 4 SM and different than reported visibility. All Rwy 24 full stop ldg ctc twr prior to exiting rwy due to twy restricted. First 1000′ Rwy 06–24 concrete, mid 8000′ asphalt. First 442′ Rwy 36 concrete, remaining 6695′ asphalt. Rwy 06–24 edge lines painted at 150′, actual width is 200′. Rwy 18–36 precision apch marking not applicable. Rwy 18–36 not a precision apch rwy. COMSEC material above the classification of SECRET or large quantity must be stored at the 87 AWB Command Post, DSN 650–3935/3936, C609–754–3935/3936. **A** Opr weekday 1230–2130Z‡. Weekend hr by prior approval. Facility located on SW side of airfield. 72 hr PPR for ASA Army. Ramp ldq and all ldg lctn on ASA Ft Dix DSN 562–3451/6377/5287, C609–562–3451/6377/5287. Tran acft ctc Army OPS 15 min prior to ldg.
COMMUNICATIONS: SFA **D–ATIS** 110.6 270.1 DSN 650–2847.
PTD 134.1 372.2
Ⓡ **APP/DEP CON** 124.15 363.8
TOWER 118.65 255.6 257.8 **GND CON** 121.8 275.8 **CLNC DEL** 135.2 335.8
COMD POST 319.4 349.4 (Use 319.4 within 75 NM of arpt. If 319.4 is inoperative use 349.4 (call Brickyard) **108 ANG COMD POST** 251.2 321.0 (call Torch Control) DSN 650–2127. **PMSV METRO** 239.8 Automated AN/FMQ–19 in use, DSN 650–1402, C609–754–1402. Visibility of afld rstd from primary opr location, esp NW–SE. Wx svc avbl Mon–Fri 0800–0000Z‡, clsd weekend and Federal hol. Wx flt DSN 650–3992/3568, C609–754–3992/3568. When wx svc clsd, tran crews ctc 15 Opr Wx Squadron (OWS) at Scott AFB H24 DSN 576–9755/9720, C618–256–9755/9720. Dur evac of wx flt ctc 15OWS at number abv. RON tran crew req wx brief prior to ldg. ATC will supplement obsn as needed. **ARMY OPS** 139.3 265.6 41.35 (Ctc 15 min prior to ldg.)
FT DIX RNG 34.0 41.0

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RADIO AIDS TO NAVIGATION: NOTAM FILE WRI.

(L) VORTACW 110.6 GXU Chan 43 N40°00.57′ W74°35.78′ at fld. 114/11W. No NOTAM MP VOR MP Mon and Thu 1100–1300Z‡; TACAN MP Mon and Thu 1100–1300Z‡.

TACAN azimuth unusable:

171°–194° byd 11 NM blo 2,000′
171°–194° byd 16 NM blo 4,000′
171°–194° byd 34 NM blo 5,000′

VOR unusable:

003°–068° byd 27 NM
069°–119° byd 17 NM
141°–213° byd 17 NM
214°–228° byd 20 NM
214°–228° byd 17 NM blo 2,500′
229°–260° byd 17 NM
261°–295° byd 25 NM blo 5,000′

ILS Y 110.1 I–WRI Rwy 06. Class IIE No NOTAM MP Tue, Wed, Fri 1100–1300Z‡.
ILS Z 110.1 I–WRI Rwy 06. Class IIE. No NOTAM MP Tue, Wed, Fri 1100–1300Z‡.
ILS Y 110.1 I–JTQ Rwy 24. No NOTAM MP Tue, Wed, Fri 1100–1300Z‡.
ILS Z 110.1 I–JTQ Rwy 24. No NOTAM MP Tue, Wed, Fri 1100–1300Z‡.

ASR/PAR PAR apch daily from 1100–0300Z‡ contingent upon PAR controller availability and/or deployed status of mobile PAR. ASR No NOTAM MP 0530–1130Z‡. PAR No NOTAM MP 0530–1100Z‡.

COMM/NAV/WEATHER REMARKS: See Terminal FLIP for Radar minima. Radar No NOTAM MP Mon–Thur 0930–1130Z‡, Fri 0730–1130Z‡, Sat 1100–1500Z‡.

MILLVILLE

MILLVILLE MUNI (MIV) 3 SW UTC−5(−4DT) N39°22.07′ W75°04.33′

WASHINGTON
H–10I, 12I, L–34G, A
IAP

85 B S4 **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE MIV

RWY 10–28: H6002X150 (ASPH) S–40, D–65, ST–83, DT–125 MIRL

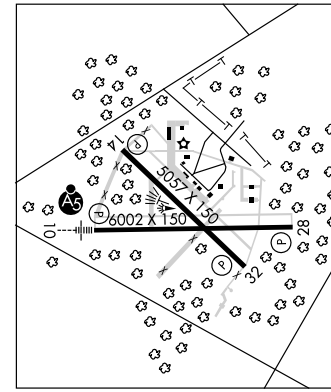
RWY 10: MALSR. PAPI(P4L)—GA 3.0° TCH 53′. Trees.

RWY 28: PAPI(P4L)—GA 3.0° TCH 28′.

RWY 14–32: H5057X150 (CONC) S–40, D–65, ST–83, DT–125 MIRL

RWY 14: PAPI(P4L)—GA 3.0°TCH 48′. Trees.

RWY 32: PAPI(P4L)—GA 3.0°TCH 36′. Trees.



AIRPORT REMARKS: Attended continuously. Fuel avbl, contact on 123.0 or 131.1. Arpt CLOSED to ultralight acft except PPR, PPR avbl 856–825–1244 Mon–Fri 1300–2100Z‡. Deer on arpt after dusk. PAEW within the safety areas of all rwys and twys daily May thru Oct. TPA—800(715) light acft, 1200(1115) heavy acft. Twy B not to be used by acft with wingspan greater than 79′ between Twy C and Twy E. ACTIVATE MIRL Rwy 10–28 and Rwy 14–32, and MALSR Rwy 10—123.0.

WEATHER DATA SOURCES: ASOS 128.125 (856) 327–3455.

COMMUNICATIONS: CTAF 123.65 **UNICOM** 123.0
RCO 123.65 122.65 122.2 122.1R (MILLVILLE RADIO)
Ⓡ **ATLANTIC CITY APP/DEP CON** 124.6

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

CEDAR LAKE (L) VORTAC 115.2 VCN Chan 99 N39°32.26′ W74°58.03′ 216° 11.3 NM to fld. 120/10W.
RAINBOW NDB (HW) 363 RNB N39°25.10′ W75°08.11′ 147° 4.2 NM to fld.
ILS 110.9 I–MIV Rwy 10. Class IA. Unmonitored.

COMM/NAV/WEATHER REMARKS: Ctc Millville Radio for airport advisory service on 123.65.

MONMOUTH EXECUTIVE (See BELMAR/FARMINGDALE)

MOREE N40°52.79′ W74°20.06′ NOTAM FILE MMU.

NDB (LOM) 392 MM 228°6.1 NM to Morristown Muni. 108° 2.4 NM to Essex Co.

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RADIO AIDS TO NAVIGATION: NOTAM FILE WRI.

(L) VORTACW 110.6 GXU Chan 43 N40°00.57′ W74°35.78′ at fld. 114/11W. No NOTAM MP VOR MP Mon and Thu 1100–1300Z‡; TACAN MP Mon and Thu 1100–1300Z‡.

TACAN azimuth unusable:

171°–194° byd 11 NM blo 2,000′
171°–194° byd 16 NM blo 4,000′
171°–194° byd 34 NM blo 5,000′

VOR unusable:

003°–068° byd 27 NM
069°–119° byd 17 NM
141°–213° byd 17 NM
214°–228° byd 20 NM
214°–228° byd 17 NM blo 2,500′
229°–260° byd 17 NM
261°–295° byd 25 NM blo 5,000′

ILS Y 110.1 I–WRI Rwy 06. Class IIE No NOTAM MP Tue, Wed, Fri 1100–1300Z‡.
ILS Z 110.1 I–WRI Rwy 06. Class IIE. No NOTAM MP Tue, Wed, Fri 1100–1300Z‡.
ILS Y 110.1 I–JTQ Rwy 24. No NOTAM MP Tue, Wed, Fri 1100–1300Z‡.
ILS Z 110.1 I–JTQ Rwy 24. No NOTAM MP Tue, Wed, Fri 1100–1300Z‡.

ASR/PAR PAR apch daily from 1100–0300Z‡ contingent upon PAR controller availability and/or deployed status of mobile PAR. ASR No NOTAM MP 0530–1130Z‡. PAR No NOTAM MP 0530–1100Z‡.

COMM/NAV/WEATHER REMARKS: See Terminal FLIP for Radar minima. Radar No NOTAM MP Mon–Thur 0930–1130Z‡, Fri 0730–1130Z‡, Sat 1100–1500Z‡.

MILLVILLE

MILLVILLE MUNI (MIV) 3 SW UTC−5(−4DT) N39°22.07′ W75°04.33′

WASHINGTON
H–10I, 12I, L–34G, A
IAP

85 B S4 **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE MIV

RWY 10–28: H6002X150 (ASPH) S–40, D–65, ST–83, DT–125 MIRL

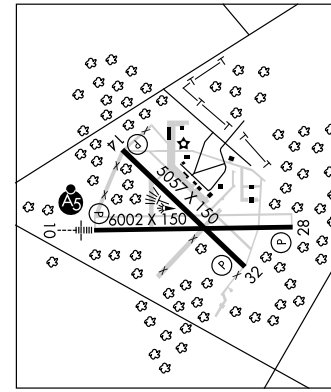
RWY 10: MALSR. PAPI(P4L)—GA 3.0° TCH 53′. Trees.

RWY 28: PAPI(P4L)—GA 3.0° TCH 28′.

RWY 14–32: H5057X150 (CONC) S–40, D–65, ST–83, DT–125 MIRL

RWY 14: PAPI(P4L)—GA 3.0°TCH 48′. Trees.

RWY 32: PAPI(P4L)—GA 3.0°TCH 36′. Trees.



AIRPORT REMARKS: Attended continuously. Fuel avbl, contact on 123.0 or 131.1. Arpt CLOSED to ultralight acft except PPR, PPR avbl 856–825–1244 Mon–Fri 1300–2100Z‡. Deer on arpt after dusk. PAEW within the safety areas of all rwys and twys daily May thru Oct. TPA—800(715) light acft, 1200(1115) heavy acft. Twy B not to be used by acft with wingspan greater than 79′ between Twy C and Twy E. ACTIVATE MIRL Rwy 10–28 and Rwy 14–32, and MALSR Rwy 10—123.0.

WEATHER DATA SOURCES: ASOS 128.125 (856) 327–3455.

COMMUNICATIONS: CTAF 123.65 **UNICOM** 123.0
RCO 123.65 122.65 122.2 122.1R (MILLVILLE RADIO)
Ⓡ **ATLANTIC CITY APP/DEP CON** 124.6

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

CEDAR LAKE (L) VORTAC 115.2 VCN Chan 99 N39°32.26′ W74°58.03′ 216° 11.3 NM to fld. 120/10W.
RAINBOW NDB (HW) 363 RNB N39°25.10′ W75°08.11′ 147° 4.2 NM to fld.
ILS 110.9 I–MIV Rwy 10. Class IA. Unmonitored.

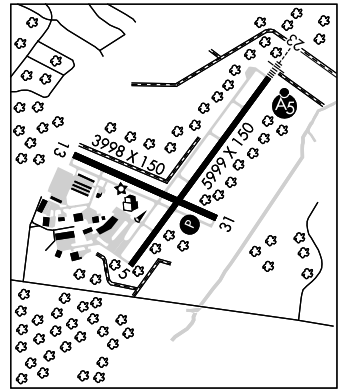
COMM/NAV/WEATHER REMARKS: Ctc Millville Radio for airport advisory service on 123.65.

MONMOUTH EXECUTIVE (See BELMAR/FARMINGDALE)

MOREE N40°52.79′ W74°20.06′ NOTAM FILE MMU.

NDB (LOM) 392 MM 228°6.1 NM to Morristown Muni. 108° 2.4 NM to Essex Co.

MORRISTOWN MUNI (MMU) 3 E UTC−5(−4DT) N40°47.96′ W74°24.89′ NEW YORK COPTER
187 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks AOE H–10I, 12J, L–33A, 34H
NOTAM FILE MMU IAP, AD
RWY 05–23: H5999X150 (ASPH–GRVD) S–30, D–80, ST–101 HIRL
RWY 05: REIL. Trees. **RWY 23:** MALSR. Tree.
RWY 13–31: H3998X150 (ASPH–GRVD) S–30 MIRL
RWY 13: Trees.
RWY 31: REIL. PAPI(P2L)—GA 3.0°TCH 47′. Trees.

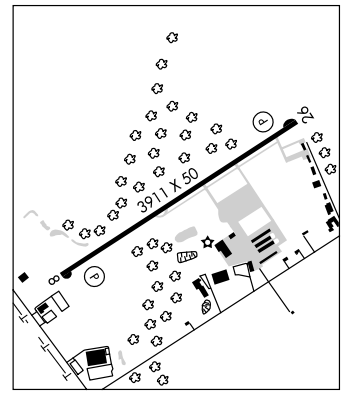


AIRPORT REMARKS: Attended 1145–0330Z‡. Birds and deer on and invof arpt. Inbound tfc request FBO svcs, instructions, and ramp advisories 30 minutes prior to arrival. After ldg ctc FBO again 129.6 for preferred ramp entrance to Twy D or Twy E. No turbojet ldg on Rwy 13 and Rwy 31 unless the cross wind velocity for Rwy 05–23 exceeds 16 knots. Helicopter ops over residential areas blo 1000′ MSL should be avoided. TPA—1200(1013) lgt acft, 1700(1513) heavy acft. ACTIVATE HIRL Rwy 05–23, MIRL Rwy 13–31, REIL Rwys 05 and 31, MALSR Rwy 23, and PAPI Rwy 31—118.1. Acft carrying explosive cargo PPR before ldg–call 973–538–6400. Noise abatement procedures in effect, ctc noise abatement office 973–538–3366 Ext 122. All arrival/departure acft follow manufacturers recommended procedures for quiet ops and minimum noise. Route 80 visual apch preferred for Rwy 23. During snow removal ops 15 minute prior notice required on 118.1 and no practice low apchs or touch and go ldgs. US customs avbl Mon–Fri 1300–2100Z‡; between 2101–1259Z‡ and weekends call 973–267–0302 for appointment. Morristown customs association fees apply; ctc arpt manager 973–538–6400 for details. U.S. customs user fee arpt. ARFF svc avbl 24 hrs daily. For ARFF svcs when twr clsd ctc ARFF station; CTAF or 973–455–1953. Ldg fee. Stage I departure fee 0400–1145Z‡. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Instrument Approach—Airspace Interaction Chart.

WEATHER DATA SOURCES: AWOS–3 (973) 290–0135. LAWRS.
COMMUNICATIONS: CTAF 118.1 **ATIS** 124.25
Ⓡ **NEW YORK APP CON** 127.6 Ⓡ**NEW YORK DEP CON** 119.2
TOWER 118.1 (1145–0330Z‡) **GND CON** 121.7 **CLNC DEL** 121.2 (Call 516–542–3690 when twr clsd.)
AIRSPACE: CLASS D svc 1145–0330Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.
TETERBORO (T) VORW/DME 108.4 TEB Chan 21 N40°50.92′ W74°03.74′ 271° 16.3 NM to fld. 10/11W.
CHATHAM NDB (MHW) 254 CAT N40°44.46′ W74°25.79′ 022°3.6 NM to fld. NOTAM FILE MIV.
MOREE NDB (LOM) 392 MM N40°52.79′ W74°20.06′ 228° 6.1 NM to fld.
ILS 110.3 I–MMU Rwy 23. Class IB. LOM MOREE NDB Unmonitored when tower closed. GS unusable for coupled apchs blo 627′ MSL.

MOUNT HOLLY

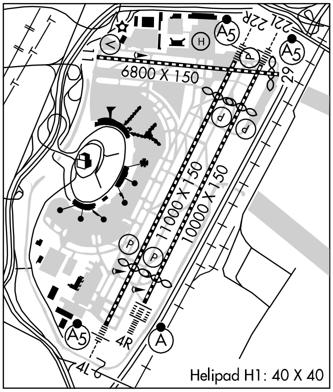
SOUTH JERSEY RGNL (VAY) 4 SW UTC−5(−4DT) N39°56.57′ W74°50.74′ WASHINGTON
53 B S4 **FUEL** 100LL, JET A TPA—853(800) NOTAM FILE VAY L–34G, A
RWY 08–26: H3911X50 (ASPH) S–30 MIRL IAP
RWY 08: PAPI(P2R)—GA 3.25° TCH 45′. Tree.
RWY 26: PAPI(P2R)—GA 3.0° TCH 40′. Tree. Rgt tfc.



AIRPORT REMARKS: Attended 1300–2300Z‡. Deer on and invof arpt. Helicopter tkfs and ldgs restricted to Rwy 08–26 only. Balls marking p–lines on apch to Rwy 08 faded. Trees along sides of rwy primarily NW. ACTIVATE MIRL Rwy 08–26—123.3.
WEATHER DATA SOURCES: ASOS 119.325 (609) 267–1176.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **McGUIRE APP/DEP CON** 124.15
GCO 121.725 (NEW YORK FSS)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14′ W74°29.70′ 236° 22.4 NM to fld. 248/10W.

NAADA N39°29.89′ W74°40.35′ NOTAM FILE ACY. **WASHINGTON**
NDB (LOM) 336 PV 129° 5.1 NM to Atlantic City Intl. **L–34G**

NEWARK LIBERTY INTL (EWR) 3 S UTC–5(–4DT) N40°41.55′ W74°10.12′ **NEW YORK**
18 B S4 **FUEL** 100LL, JET A OX 3 LRA Class I, ARFF Index E NOTAM FILE EWR **COPTER**
RWY 04L–22R: H11000X150 (ASPH–CONC–GRVD) D–191, ST–175, DT–358, DDT–873 HIRL CL **H–10I, 12J, L–33A, 34H** **IAP, AD**
RWY 04L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 73′. Thld dsplcd 2540′. Tree.
RWY 22R: MALSR. REIL. TDZL. PAPI(P4L)—GA 3.0° TCH 65′. Thld dsplcd 1440′. Pole.
RWY 04R–22L: H10000X150 (ASPH–GRVD) D–191, ST–175, DT–358, DDT–873 HIRL CL
RWY 04R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 72′. Thld dsplcd 1190′. Pole.
RWY 22L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 61′. Thld dsplcd 1793′. Pole.
RWY 11–29: H6800X150 (ASPH–GRVD) D–191, ST–175, DT–358, DDT–873 HIRL CL
RWY 11: TDZL. REIL. VASI(V4L)—GA 3.08° TCH 53′. Antenna.
RWY 29: TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 60′. Thld dsplcd 298′. Building.



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 04L	11–29	7750
RWY 04R	11–29	8100
RWY 11	04R–22L	5700

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04L:	TORA–11000	TODA–11000	ASDA–11000	LDA–8460
RWY 04R:	TORA–10000	TODA–10000	ASDA–10000	LDA–8810
RWY 11:	TORA–6800	TODA–6800	ASDA–6800	LDA–6800
RWY 22L:	TORA–10000	TODA–10000	ASDA–10000	LDA–8206
RWY 22R:	TORA–11000	TODA–11000	ASDA–11000	LDA–9560
RWY 29:	TORA–6800	TODA–6800	ASDA–6800	LDA–6502

ARRESTING GEAR/SYSTEM
RWY 29: EMAS

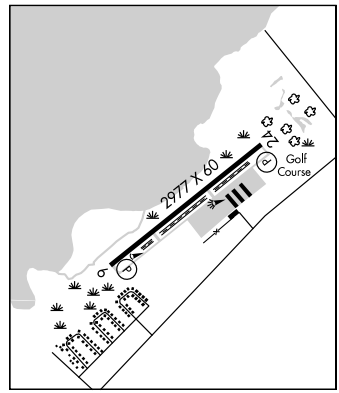
AIRPORT REMARKS: Special Air Traffic Rules–Part 93. Attended continuously. Para-Sail and banner towing ops 1000 ft and blo in upper and lower New York bays including Rockaway inlet indef. Flocks of birds on and invof airport. Rwy 04L–22R south 1800′ conc, north 1000′ conc, center 8200′ asph. ASDE–X surveillance system in use, pilots should operate transponders with mode C on all twys and rwys. Rwy 04L and Rwy 04R departures use upper antenna for ATC communications. For noise restrictions call 212–435–3779 during normal business hours. Twy Z between Twy U and UB restricted to narrow body acft indef. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices–Intersection Departures During Period of Darkness, Continuous Power Facilities and Intersecting Runway Operations.
WEATHER DATA SOURCES: LLWAS. TDWR.
COMMUNICATIONS: D–ATIS ARR 115.7 **D–ATIS SOUTH ARR** 134.825 (973) 824–4417. **UNICOM** 122.95
® **NEW YORK APP CON** 132.8 (241°–269°) 128.55 (090°–240°) 127.6 (270°–330°) 132.7 (331°–089°)
TOWER 118.3 134.05 **GND CON** 121.8 126.15 **CLNC DEL** 118.85 **PRE–TAXI CLNC** 118.85 **GATE HOLD** 132.45
® **NEW YORK DEP CON** 119.2
AIRSPACE: CLASS B See VFR Terminal Area Chart.
RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.
TETERBORO (T) VORW/DME 108.4 TEB Chan 21 N40°50.92′ W74°03.74′ 218° 10.5 NM to fld. 10/11W.
ILS/DME 108.7 I–LSQ Chan 24 Rwy 22L.
ILS/DME 110.75 I–JNN Chan 44(Y) Rwy 22R. ILS unusable byd 25° left of course. DME shared with ILS Rwy 04L.
ILS/DME 110.75 I–EWR Chan 44(Y) Rwy 04L. Class IB. DME shared with ILS Rwy 22R.
ILS/DME 108.7 I–EZA Chan 24 Rwy 04R. Class IIIE. DME unusable byd 15 NM.
ILS/DME 109.15 I–GPR Chan 28(Y) Rwy 11. Glideslope unusable byd 5° rgt and left side of course and 0.7 NM (300 ft MSL) inbound.

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HELIPAD H1: H40X40 (CONC)
HELIPORT REMARKS: Helipad H1 located on Twy S. Helipad H1 perimeter lights.

NEWTON (3N5) 3 S UTC−5(−4DT) N41°01.64′ W74°45.51′ — NEW YORK
620 NOTAM FILE MIV
RWY 06–24: H2546X45 (ASPH)
RWY 06: Tree. **RWY 24:** Tree. Rgt tfc.
AIRPORT REMARKS: Attended dawn–dusk. Deer and birds on and invof arpt.
COMMUNICATIONS: CTAF 122.9

OCEAN CITY MUNI (26N) 2 SW UTC−5(−4DT) N39°15.81′ W74°36.45′ — WASHINGTON L–34G IAP
5 **FUEL** 100LL NOTAM FILE MIV
RWY 06–24: H2977X60 (ASPH) S–12.5 MIRL
RWY 06: PAPI(P2R)—GA 3.5° TCH 40′. Tree.
RWY 24: PAPI(P2L)—GA 3.5° TCH 40′. Tree. Rgt tfc.
AIRPORT REMARKS: Attended Jun–Sep 1300–0100Z‡, winter 1300–2100Z‡. Birds on and invof arpt. Automated weather advisory. ACTIVATE by 3 clicks on CTAF. Also avbl by phone 609–398–0705. ACTIVATE MIRL Rwy 06–24—CTAF.
COMMUNICATIONS: CTAF/AUNICOM 122.7
Ⓡ **ATLANTIC CITY APP/DEP CON** 124.6 **CLNC DEL** 133.6
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
CEDAR LAKE (L) VORTAC 115.2 VCN Chan 99 N39°32.26′ W74° 58.03′ 144° 23.5 NM to fld. 120/10W.
ATLANTIC CITY (L) VORTAC 108.6 ACY Chan 23 N39°27.35′ W74°34.58′ 197° 11.6 NM to fld. 70/10W.



OLD BRIDGE (3N6) 5 S UTC−5(−4DT) N40°19.79′ W74°20.81′ — NEW YORK L–34H IAP
87 B S4 **FUEL** 100LL NOTAM FILE MIV
RWY 06–24: H3594X50 (ASPH) MIRL 0.6% up NE
RWY 06: REIL. VASI(NSTD) . Thld dsplcd 600′. Trees.
RWY 24: REIL. VASI(NSTD). Thld dsplcd 400′. Trees. Rgt tfc.
AIRPORT REMARKS: Attended dalgt hours. No touch and go. Avoid overflight of Englishtown Flea Market 1 NM SW. Trees along east side of Rwy 06–24. ACTIVATE MIRL Rwy 06–24, REIL Rwy 06 and Rwy 24, rotating bcn—CTAF. Ldg fee.
COMMUNICATIONS: CTAF/UNICOM 123.075
ROBINSVILLE RCO 122.1R 113.8T (MILLVILLE RADIO)
Ⓡ **McGUIRE APP/DEP CON** 124.15
GCO 121.725 (MILLVILLE FSS)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14′ W74°29.70′ 052° 10.2 NM to fld. 248/10W.

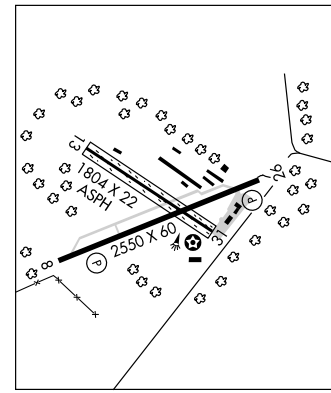
PATERSON N40°56.79′ W74°09.05′ NOTAM FILE MIV. — NEW YORK COPTER L–33B, 34H
NDB (MHW) 347 PNJ 249° 7.1 NM to Essex Co. Unusable 260°–040° beyond 15 NM.

PEDRICKTOWN

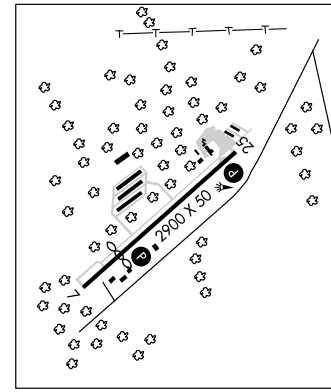
SPITFIRE AERODROME (7N7) 2 S UTC−5(−4DT) N39°44.13′ W75°23.86′ — WASHINGTON L–34G, A IAP
40 B S4 **FUEL** 100LL NOTAM FILE MIV
RWY 07–25: H2419X60 (ASPH) MIRL
RWY 07: REIL. PAPI(P2L)—GA 4.0° TCH 20′. Thld dsplcd 198′. Tree.
RWY 25: REIL. PAPI(P2R)—GA 4.0° TCH 20′. Thld dsplcd 110′. Tree.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Deer and birds on and invof arpt. Arpt access road near AER Rwy 07. ACTIVATE MIRL Rwy 07–25, REIL Rwy 07 and Rwy 25 and PAPI Rwy 07 and Rwy 25—122.7.
COMMUNICATIONS: CTAF/UNICOM 122.7
PHILADELPHIA CLNC DEL TF 800–354–9884
Ⓡ **PHILADELPHIA APP/DEP CON** 119.75
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
WOODSTOWN (L) VORTAC 112.8 OOD Chan 75 N39°38.16′ W75°18.18′ 334° 7.4 NM to fld. 140/10W.

PITTSTOWN

ALEXANDRIA (N85) 2 W UTC−5(−4DT) N40°35.26′ W75°01.17′ **NEW YORK**
480 B S4 **FUEL** 100LL, JET A NOTAM FILE MIV **L–33A, 34H**
RWY 08–26: H2550X60 (ASPH) MIRL 0.7% up E **IAP**
RWY 08: PAPI(P2R)—GA 3.0° TCH 20′. Tree.
RWY 26: PAPI(P2L)—GA 4.5° TCH 20′. Tree.
RWY 13–31: 1804X100 (ASPH–TURF) 0.8% up SE
RWY 13: Tree. **RWY 31:** Tree.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Rwy 13–31 25 ft wide asph strip full length down center of rwy. Turf portion of rwy unusable. Helicopter takeoff and ldg rstd to Rwy 08/26 only. Helicopters use fixed–wing traffic patterns and altitudes. Ctc arpt management 908–730–9223 prior to conducting helicopter training activity. ACTIVATE MIRL Rwy 08–26 and rotating beacon—121.8. Taxi on pavement only.
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **ALLENTOWN APP/DEP CON** 124.45 (Above 3000′) 118.2 (3000′ and blo)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SOLBERG (L) VOR/DME 112.9 SBJ Chan 76 N40°34.98′ W74°44.51′ 281° 12.7 NM to fld. 190/10W. **HIWAS.**

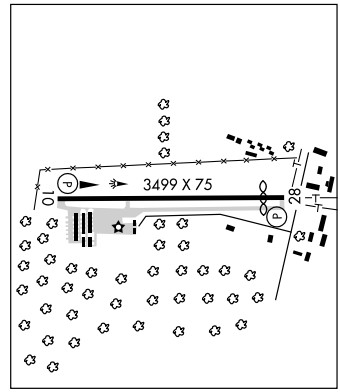


SKY MANOR (N4Ø) 2 SW UTC−5(−4DT) N40°33.95′ W74°58.76′ **NEW YORK**
560 S4 **FUEL** 100LL TPA—See Remarks NOTAM FILE MIV **L–33A, 34H**
RWY 07–25 H2900X50 (ASPH) MIRL 0.3% up NE **IAP**
RWY 07: REIL. PAPI(P2R)—GA 4.0° TCH 26′. Thld dsplcd 878′. Trees.
RWY 25: REIL. PAPI(P2L)—GA 4.0° TCH 29′. P–line.
AIRPORT REMARKS: Attended continuously. 24 hr self–serve fuel system on north end of main apron. Parachute Jumping. CAUTION: Ultralights fly close in pattern at 860(300). Balloon, glider, helicopter, and ultralight activity on and invof arpt. Gliders opr from turf area just south of Rwy 07–25. TPA for low wing acft 1300(740), high wing acft 1400(840). ACTIVATE MIRL Rwy 07–25, REIL Rwy 07 and Rwy 25, PAPI Rwy 07 and Rwy 25 and twy lgts—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **ALLENTOWN APP/DEP CON** 124.45 (Above 3000′) 118.2 (3000′ and blo)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SOLBERG (L) VOR/DME 112.9 SBJ Chan 76 N40°34.98′ W74°44.51′ 275° 10.9 NM to fld. 190/10W. **HIWAS.**



PRINCETON/ROCKY HILL

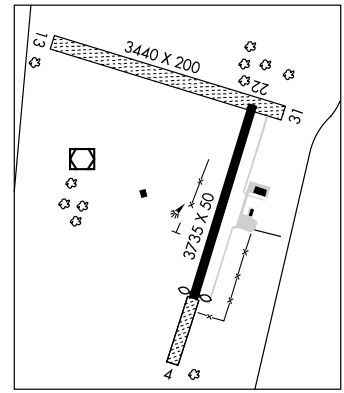
PRINCETON (39N) 3 N UTC−5(−4DT) N40°23.95′ W74°39.54′ — NEW YORK
128 B S4 **FUEL** 100LL, JET A TPA—1203(1075) NOTAM FILE MIV — L–34H
RWY 10–28: H3499X75 (ASPH) S–15 MIRL — IAP
RWY 10: REIL. PAPI(P2L)—GA 3.45° TCH 44′. Tree.
RWY 28: PAPI(P2L)—GA 3.0° TCH 42′. Thld dsplcd 369′. Bldg.
AIRPORT REMARKS: Attended 1300–dusk. Unattended Christmas Day and New Years Day. Deer and birds on and invof arpt. Noise sensitive areas invof arpt. Departure NS ABTMT procedures in effect, call arpt management for information. Rwy 28 departure no turns until at least 900′ MSL and beyond Cherry Hill Road. No student touch & go flight activities. Rwy 10–28 rgt tfc helicopters. ACTIVATE MIRL Rwy 10–28 and REIL Rwy 10—123.05.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **NEW YORK APP/DEP CON** 132.8
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
YARDLEY (L) VOR/DME 108.2 ARD Chan 19 N40°15.20′ W74°54.46′ 062° 14.4 NM to fld. 300/10W.



RAINBOW N39°25.10′ W75°08.11′ NOTAM FILE MIV. — WASHINGTON
NDB (HW) 363 RNB 147° 4.2 NM to Millville Muni. — H–10I, L–34G, A

READINGTON

SOLBERG–HUNTERDON (N51) 1 NW UTC−5(−4DT) N40°34.98′ W74°44.19′ — NEW YORK
195 S4 **FUEL** 100LL, JET A TPA–1200(1005) NOTAM FILE MIV — L–33A, 34H
RWY 13–31: 3440X200 (TURF) 1.0% up NW — IAP
RWY 13: Tree. **RWY 31:** Trees.
RWY 04–22: 3735X50 (ASPH–TURF) MIRL 0.7% up NE
RWY 04: Thld dsplcd 735′. **RWY 22:** Tree.
AIRPORT REMARKS: Attended 1400–2200Z‡. Arpt unattended all major holidays and Christmas and New Years eve afternoons. Call 908–534–4000 to verify status of lgts. Deer on and invof arpt. Blimp and hot air balloon activity on and invof arpt—spring through fall. Dsplcd thld Rwy 04 735′ turf, 180′ wide. Rwy 04–22 turf portion avbl for tkf. All rwys no touch and go landings. All rwys depart straight out to 1200′ before turning. Rwy 04–22 MIRL on paved 3000 ft by 50 ft portion of rwy.
WEATHER DATA SOURCES: HIWAS 112.9 SBJ.
COMMUNICATIONS: CTAF/UNICOM 122.8
SOLBERG RCO 122.1R 112.9T (MILLVILLE RADIO)
Ⓡ **NEW YORK APP/DEP CON** 132.8
GCO 121.725 (NEW YORK APP/DEP CON)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SOLBERG (L) VOR/DME 112.9 SBJ Chan 76 N40°34.98′ W74°44.51′ at fld. 190/10W. **HIWAS.**
COMM/NAV/WEATHER REMARKS: For IFR clnc del ctc NY TRACON 800–645–3206.



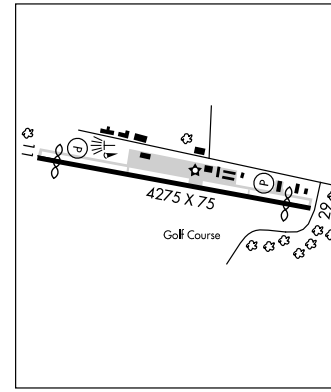
RED LION (See VINCENTOWN)

REDWING (See JOBSTOWN)

ROBBINSVILLE N40°12.14′ W74°29.70′ NOTAM FILE MIV. — NEW YORK
(H) VORTAC 113.8 RBV Chan 85 288° 5.0 NM to Trenton–Robbinsville. 248/10W. — H–10I, L–34H
VOR portion unusable:
135°–170° byd 12 NM blo 2500′
135°–170° byd 19 NM blo 3500′
135°–170° byd 27 NM blo 5000′
315°–360° byd 10 NM blo 3500′
RCO 122.1R 113.8T 122.45 (MILLVILLE RADIO)

ROBBINSVILLE

TRENTON–ROBBINSVILLE (N87) 1 E UTC−5(−4DT) N40°12.84′ W74°36.11′ **NEW YORK**
118 B S4 **FUEL** 100LL TPA—1099(981) NOTAM FILE MIV **L–34H**
RWY 11–29: H4275X75 (ASPH) S–25 MIRL **IAP**
RWY 11: PAPI(P2L)—GA 4.5° TCH 46′. Thld dsplcd 398′. Trees.
RWY 29: PAPI(P2R)—GA 4.0° TCH 29′. Thld dsplcd 300′. Trees. Rgt tfc.
AIRPORT REMARKS: Attended 1300–2100Z‡. Self svc fuel system mid–field apron. Wind indicator OTS indef. VFR departure Rwy 11: noise abatement procedures in effect. VFR departure Rwy 29; for noise abatement climb straight ahead until reaching 700 ft AGL before turning. Avoid overflight of Sharon Elementary School .75 NM northeast. Men and equipment from adjacent golf course frequently cross rwy and twys. ACTIVATE MIRL Rwy 11–29—123.3.
COMMUNICATIONS: CTAF/UNICOM 123.0
ROBBINSVILLE RCO 122.1R 113.8T 122.45 (MILLVILLE RADIO)
Ⓡ **McGUIRE APP/DEP CON** 124.15
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
ROBBINSVILLE (H) VORTAC 113.8 RBV Chan 85 N40°12.14′ W74°29.70′ 288° 5 NM to fld. 248/10W.
COMM/NAV/WEATHER REMARKS: FAR PART 135 weather svc avbl.



ROBERT J. MILLER AIR PARK (See TOMS RIVER)

SEA ISLE N39°05.73′ W74°48.02′ NOTAM FILE MIV. **WASHINGTON**

(H) VORTAC 114.8 SIE Chan 95 233° 7.3 NM to Cape May Co. 10/09W. **HIWAS.** **H–10I, 12I, L–34G, A**
VOR portion unusable:
293°–016° byd 34 NM
293°–016° byd 10 NM blo 3000′
293°–016° byd 15 NM blo 4000′
293°–016° byd 22 NM blo 5000′
293°–016° byd 24 NM blo 7000′
017°–048° byd 10 NM blo 1800′
017°–048° byd 18 NM blo 2500′
017°–048° byd 24 NM blo 3500′
017°–048° byd 33 NM blo 4500′
017°–048° byd 37 NM blo 5500′
049°–070° byd 12 NM blo 2500′
049°–070° byd 17 NM blo 4500′
049°–070° byd 35 NM blo 6000′
071°–215° blo 2500′
071°–215° byd 14 NM blo 4500′
071°–215° byd 30 NM blo 5500′
238°–292° byd 10 NM blo 4000′
238°–292° byd 31 NM blo 7000′
DME unusable: 238°–048° byd 34 NM blo 1800′
RCO 122.1R 114.8T (MILLVILLE RADIO)

SKY MANOR (See PITTSTOWN)

SOLBERG N40°34.98′ W74°44.51′ NOTAM FILE MIV. **NEW YORK**

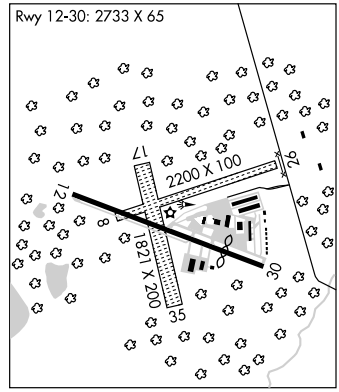
(L) VOR/DME 112.9 SBJ Chan 76 at Solberg–Hunterdon. 190/10W. **HIWAS.** **H–10I, 12I, L–33A, 34H**
VOR portion unusable:
055°–117° byd 35 NM
148°–236° byd 38 NM blo 2500′
DME unusable:
251°–300° byd 26 NM blo 3000′
301°–325° byd 18 NM
326°–146° byd 29 NM blo 3000′
238°–345° byd 35 NM blo 4000′
RCO 122.1R 112.9T (MILLVILLE RADIO)

SOLBERG–HUNTERDON (See READINGTON)

SOMERSET (See SOMERVILLE)

SOMERVILLE

SOMERSET (SMQ) 3 N UTC−5(−4DT) N40°37.56′ W74°40.22′ **NEW YORK**
105 B S4 **FUEL** 100LL, JET A TPA—1100 (995) NOTAM FILE SMQ **L–33A, 34H**
RWY 12–30: H2733X65 (ASPH) MIRL 0.7% up SE **IAP**
RWY 12: REIL. Trees. **RWY 30:** Thld dsplcd 600′. Tree.
RWY 08–26: 2200X100 (TURF)
RWY 08: Tree. **RWY 26:** Tree.
RWY 17–35: 1821X200 (TURF) 0.3% up S
RWY 17: Trees. **RWY 35:** Trees.
AIRPORT REMARKS: Attended 1300–2200Z‡. CLOSED Christmas, New Years and Easter. Rwy 12 arrivals and departures may not be able to see each other. Rwy 08–26 550′ west end unsuitable for tkf or ldg due to uneven surface. Deer on and invof arpt. For MIRL Rwy 12–30, REIL Rwy 12 call 908–722–2444/2474.REIL Rwy 12 partially obstructed by trees/brush. Departures Rwy 30 turn right 10° followed by a wide left turn–avoid residential areas. Rwy 08–26 and Rwy 17–35 widths depend on grasscutting. Glider ops. Glider tfc uses Rwy 08–26; Rwy 26 rgt tfc for gliders.
WEATHER DATA SOURCES: ASOS 120.6 (908) 722–2139.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **NEW YORK APP/DEP CON** 132.8
GCO 121.725 (MILLVILLE FSS)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SOLBERG (L) VOR/DME 112.9 SBJ Chan 76 N40°34.98′ W74°44.51′ 062° 4.2 NM to fld. 190/10W.
HIWAS.
COMM/NAV/WEATHER REMARKS: For IFR Clearance Delivery ctc New York App 1–800–645–3206.



SOUTHERN CROSS (See WILLIAMSTOWN)

SOUTH JERSEY RGNL (See MOUNT HOLLY)

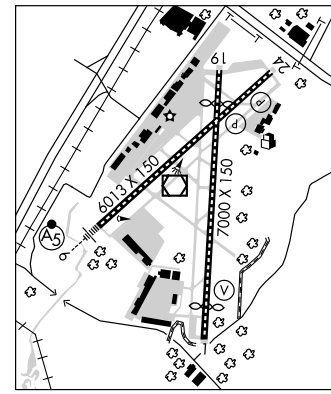
SPARTA N41°04.05′ W74°32.30′ NOTAM FILE MIV. **NEW YORK**
(H) VORTACW 115.7 SAX Chan 104 345° 8.8 NM to Sussex. 1410/11W. **H–10I, L–33A, 34H**
RCO 122.5 (MILLVILLE RADIO)

SPITFIRE AERODROME (See PEDRICKTOWN)

STILLWATER N40°59.75′ W74°52.14′ NOTAM FILE MIV. **NEW YORK**
(L) VOR/DME 109.6 STW Chan 33 094° 6.0 NM to Aeroflex Andover. 920/11W. **H–10I, L–33A, 34H**
DME portion unusable: 210°–320° blo 4,000′ byd 30 NM; 089°–099° blo 10,000 within 12 NM.
RCO 122.1R 109.6T (MILLVILLE RADIO)

SUSSEX (FWN) 1 SW UTC−5(−4DT) N41°12.01′ W74°37.38′ **NEW YORK**
421 B S4 **FUEL** JET A NOTAM FILE MIV **L–33A, 34H**
RWY 03–21: H3499X75 (ASPH) MIRL 0.6% up SW **IAP**
RWY 03: REIL. PAPI(P2L)—GA 4.0° TCH 40′. Thld dsplcd 457′. Bldg.
RWY 21: REIL. Thld dsplcd 750′. Pole.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Parachute Jumping. Drop zone located southwest side of rwy. Excavation adjacent Rwy 03–21 southwest 1500′. Main twy southwest 1500′ clsd. Twys in poor condition with potholes, cracks, and asphalt breaking up. No twy markings. REIL Rwy 03 OTS indef. ACTIVATE MIRL Rwy 03–21 and REIL Rwy 03 and Rwy 21—CTAF.
WEATHER DATA SOURCES: ASOS 118.525 (973) 875–0859.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **NEW YORK APP/DEP CON** 127.6
GCO 121.725 (ISLIP FSS)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SPARTA (H) VORTACW 115.7 SAX Chan 104 N41°04.05′ W74°32.30′ 345° 8.8 NM to fld. 1410/11W.

TETERBORO (TEB) 1 SW UTC−5(−4DT) N40°51.01′ W74°03.65′ **NEW YORK**
9 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA–See Remarks LRA Class IV, ARFF Index A **COPTER**
NOTAM FILE TEB **H–10I, 12J, L–33B, 34H**
RWY 01–19: H7000X150 (ASPH–GRVD) S–50, D–100 HIRL CL **IAP, AD**
RWY 01: REIL. VASI(V4R)—GA 3.46° TCH 58′. Thld dsplcd 771′. Tree.
RWY 19: TDZL. REIL. PAPI(P4L)—GA 3.0° TCH 56′. Thld dsplcd 770′. Tree.
RWY 06–24: H6013X150 (ASPH–GRVD) S–50, D–100 HIRL CL
RWY 06: MALSR. TDZL. Tree.
RWY 24: REIL. PAPI(P4L)—GA 3.2° TCH 43′ Antenna.



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 01	06–24	4550
RWY 06	01–19	3750

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01:	TORA–7000	TODA–7000	ASDA–7000	LDA–6229
RWY 06:	TORA–6013	TODA–6013	ASDA–6013	LDA–6013
RWY 19:	TORA–7000	TODA–7000	ASDA–7000	LDA–6230
RWY 24:	TORA–6013	TODA–6013	ASDA–6013	LDA–6013

ARRESTING GEAR/SYSTEM
RWY 06: EMAS
AIRPORT REMARKS: Attended continuously. CLOSED to motorless acft–uncontrolled acft and ultralight activity except by prior permission. All acft avoid hospital 1.7 mi N of Rwy 01–19. Deer and bird activity on and near arpt. Water ponding condition on pavement edges at intersection of Twy F and Twy L. Helicopter ops over residential areas blo 1000 ft MSL should be avoided. Daily continuous construction activity all quadrants. Acft and helicopter noise abatement rules in effect; ctc noise abatement office 201–393–0399/288–1775 for copy of procedures and rules prior to arrival. Rwy 24 noise critical rwy maximum noise limit of 80 db between 0300–1200Z‡ and 90 db all other hrs. Stage I acft not permitted to opr at Teterboro Arpt. PPR for any acft operating above 100,000 pounds. Rwy 06 touchdown rwy visual range avbl. ARFF Index B equipment coverage provided. TPA–1500 (1491) for large/turbine acft; 1000 (991) for all others. Dsplcd thld centerline lgts OTS indef. Rwy 01 REIL OTS indef. Twy G CLOSED east of Rwy 19 indef. Twy M clsd indef. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Instrument Approach—Airspace Interaction Chart, and Terminal Area Graphic Notice. Wake Turbulence for Intersection Departures.
COMMUNICATIONS: D–ATIS 132.025 114.2
RCO 122.65 122.2 (MILLVILLE RADIO).
Ⓡ **NEW YORK APP CON** 127.6 Ⓡ**NEW YORK DEP CON** 126.7 119.2
TOWER 119.5 125.1 **GND CON** 121.9 **CLNC DEL** 128.05
RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.
(T) VORW/DME 108.4 TEB Chan 21 N40°50.92′ W74°03.74′ at fld. 10/11W.
VOR/DME unusable 081°–120° blo 4000′, 121°–180° blo 3000′.
DME unusable 060°–080° byd 22 NM blo 2500′
TORBY NDB (LOM) 214 TE N40°48.27′ W74°07.95′ 062° 4.3 NM to fld. Unusable byd 10 NM.
ILS/DME 110.15 I–TJL Chan 38(Y) Rwy 19. Class IE.
ILS 108.9 I–TEB Rwy 06. Class IE. LOM TORBY NDB. LOM unusable byd 10 NM. LOC unusable byd 15° left of course.
COMM/NAV/WEATHER REMARKS: For radar svc blo 1800′ ctc Teterboro twr frequency 119.5. Arpt ops frequency 130.575.

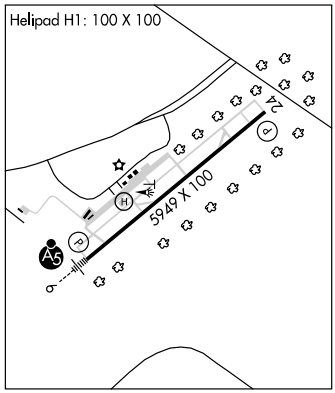
TOMS RIVER

ROBERT J. MILLER AIR PARK (MJX) 5 SW UTC−5(−4DT) N39°55.65′ W74°17.54′ **WASHINGTON**
82 B S4 **FUEL** 100LL, JET A OX 3 TPA—1000(918) NOTAM FILE MJX **H–10I, 12I, L–34G**
IAP

RWY 06–24: H5949X100 (ASPH) S–12 HIRL
RWY 06: MALSR. PAPI(P2L)—GA 3.0° TCH 53′.
RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Deer on and invof arpt. ACTIVATE HIRL Rwy 06–24, MALSR Rwy 06, REIL Rwy 24—CTAF.
WEATHER DATA SOURCES: AWOS–3 119.875 (732) 244–4450.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **McGUIRE APP/DEP CON** 124.15
GCO 121.725 (NEW YORK FSS)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
COYLE (H) VORTAC 113.4 CYN Chan 81 N39°49.04′ W74°25.90′ 054° 9.2 NM to fld. 210/10W.
ILS 109.9 I–MJX Rwy 06. Class IA. Unmonitored.

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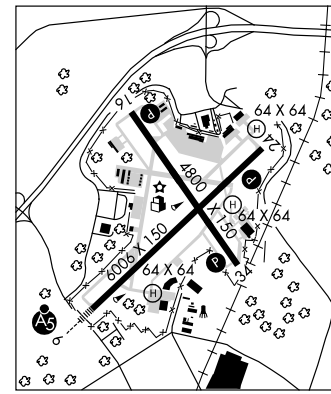
HELIPAD H1: H100X100 (ASPH–GRVL)
HELIPORT REMARKS: Helipad H1 perimeter lights. ACTIVATE perimeter lgts—CTAF.



TORBY N40°48.27′ W74°07.95′ NOTAM FILE TEB.
NDB (LOM) 214 TE 062° 4.3 NM to Teterboro. Unusable byd 10 NM.

TRENN N40°12.76′ W74°53.91′ NOTAM FILE TTN. **NEW YORK**
NDB (LOM) 369 TT 057° 5.5 NM to Trenton Mercer. Unmonitored. **L–34G**

TRENTON MERCER (TTN) 4 NW UTC−5(−4DT) N40°16.60′ W74°48.81′ **NEW YORK**
213 B S4 **FUEL** 100LL, JET A OX 2,4 TPA—See Remarks Class I, ARFF Index A **H–10I, 12I, L–34G, A**
NOTAM FILE TTN **IAP, AD**



RWY 06–24: H6006X150 (ASPH–GRVD) S–120, D–180, ST–175, DT–320 HIRL 0.5% up NE
RWY 06: MALSR. Tree.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 39′. Tree.
RWY 16–34: H4800X150 (ASPH–GRVD) S–120, D–180, ST–175, DT–320 HIRL 0.8% up NW
RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 34′.
RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 50′. Tree.
AIRPORT REMARKS: Attended continuously. Fuel avail continuously. Geese and flocks of sea gulls and deer on and invof arpt. No touch and go ldg or training ops 0300–1200Z‡. Recommend acft departing NE climb as expeditiously as possible to 1500 ft MSL to avoid Twin Pines tfc pattern; and acft ldg Rwy 24 maintain at least 1500 ft MSL till clearing the Twin Pines tfc pattern. Noise abatement procedures in effect, deps over 12,500 lbs fly rwy heading until 1700 ft MSL, deps under 12,500 lbs fly rwy heading until 1200 ft MSL. TPA for acft under 12,500 pounds 1200(987), acft over 12,500 pounds 1700(1487). When twr clsd ACTIVATE HIRL Rwy 06–24 and HIRL Rwy 16–34, MALSR Rwy 06, PAPI Rwy 24 and Rwy 16 and Rwy 34, REIL Rwy 24 and Rwy 16 and Rwy 34, and twy lgts—CTAF. Ldg fee for all transient acft. U.S. Customs user fee arpt.
WEATHER DATA SOURCES: ASOS 126.77 (609) 538–8690. LAWRS.
COMMUNICATIONS: CTAF 120.7 **ATIS** 126.775 **UNICOM** 122.95
Ⓡ **PHILADELPHIA APP/DEP CON** 123.8 (128.4 when twr closed) **CLNC DEL** TF 800–354–9884.
TOWER 120.7 (1100–0300Z‡) **GND CON** 121.9 **CLNC DEL** 121.9
AIRSPACE: CLASS D svc 1100–0300Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
YARDLEY (L) VOR/DME 108.2 ARD Chan 19 N40°15.20′ W74°54.46′ 082° 4.5 NM to fld. 300/10W.
TRENN NDB (LOM) 369 TT N40°12.76′ W74°53.95′ 58° 5.5 NM to fld. Unmonitored.
ILS 111.3 I–TTN Rwy 06. Class IA. LOM TRENN NDB. ILS unmonitored when twr clsd.

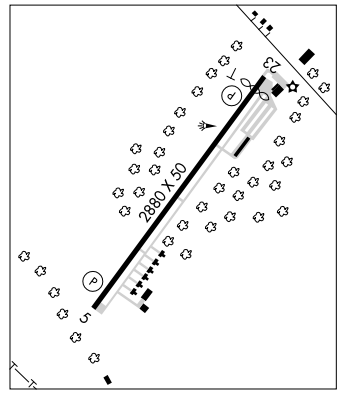
HELIPAD H1: H64X64 (ASPH)
HELIPAD H2: H64X64 (ASPH)
HELIPAD H3: H64XA64 (ASPH)
HELIPORT REMARKS: Helipad H1 located at intersection of Twys A and H. Helipad H2 located at NE end of Twy B. Helipad H3 located on S apron at Twy F.

TRENTON–ROBBINSVILLE (See ROBBINSVILLE)

TRINCA (See ANDOVER)

VINCENTOWN

RED LION (N73) 2 S UTC−5(−4DT) N39°54.25′ W74°44.97′ **WASHINGTON**
54 B S4 **FUEL** 100LL NOTAM FILE MIV **L–34G, A**
RWY 05–23: H2880X50 (ASPH) MIRL (NSTD) 0.4% up SW **IAP**
RWY 05: PAPI(P2L)—GA 4.0° TCH 28′. Trees.
RWY 23: PAPI(P2R)—GA 5.0° TCH 35′. Thld dsplcd 140′. Trees.
AIRPORT REMARKS: Attended 1300Z‡–dark. Rwy 05–23 NSTD MIRL. Rwy 05 and Rwy 23 NSTD thld markings approximately 50′ long. Rwy 5 thld lgts installed 110′ byd thld. Rwy 23 end lgts located 110′ before actual rwy end. Rwy 23 PAPI OTS indef. ACTIVATE MIRL Rwy 05–23—123.5.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **McGUIRE APP/DEP CON** 124.15
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
COYLE (H) VORTAC 113.4 CYN Chan 81 N39°49.04′ W74°25.90′ 300° 15.6 NM to fld. 210/10W.



VINELAND

KROELINGER (29N) 3 N UTC−5(−4DT) N39°31.44′ W75°02.78′ **WASHINGTON**
93 TPA—893(800) NOTAM FILE MIV **L–34G, A**
RWY 10–28: 2086X190 (TURF) **IAP**
RWY 10: Tree. **RWY 28:** P–line.
AIRPORT REMARKS: Unattended. Rwy 10 trees near apch end and along rwy sides. Tall trees on short final Rwy 28.
COMMUNICATIONS: CTAF 122.9
ATLANTIC CITY APP/DEP CON 124.6
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
CEDAR LAKE (L) VORTAC 115.2 VCN Chan 99 N39°32.26′ W74°58.03′ 267° 3.8 NM to fld. 120/10W.

VINELAND–DOWNSTOWN (28N) 4 NE UTC−5(−4DT) N39°32.26′ W74°57.98′ **WASHINGTON**
120 **FUEL** 100LL, JET A TPA—1320(1200). NOTAM FILE MIV
RWY 02–20: 2251X100 (TURF) LIRL
RWY 02: Tree. **RWY 20:** Building.
RWY 12–30: 1800X100 (TURF)
RWY 12: Trees. **RWY 30:** Brush.
AIRPORT REMARKS: Attended Apr–Nov 1300–2100Z‡. Unattended Dec–Mar. For fuel phone 856–697–3300. Arpt CLOSED at ngt to transients. Radio controlled models opr near AER 12. Rwy 12–30 rstd to agricultural and firefighting acft only. Heavy agricultural ops Apr–Oct. Lgts by prior arrangement call 856–697–3300.
COMMUNICATIONS: CTAF/UNICOM 122.8

WEST CREEK

EAGLES NEST (31E) 2N UTC−5(−4DT) N39°39.92′ W74°18.48′ **WASHINGTON**
35 NOTAM FILE MIV Not insp. **L–34G**
RWY 14–32: H3200X60(ASPH)
RWY 14: Tree. **RWY 32:** Tree. Rgt tfc.
AIRPORT REMARKS: Unattended. No rwy lgts. Ngt tkfs and ldgs prohibited. Rwy 14–32 NSTD object free area. Parallel treeline to within 80′ of centerline on north side. Remote ctl acft opr adjacent to rwy.
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
COYLE (H) VORTAC 113.4 CYN Chan 81 N39°49.04′ W74°25.90′ 158° 10.8 NM to fld. 210/10W.

WEST MILFORD

GREENWOOD LAKE (4N1) 1 E UTC−5(−4DT) N41°07.70′ W74°20.79′ — **NEW YORK**

791 B S4 **FUEL** 100LL TPA—1800(1009) NOTAM FILE MIV — **L–33A, 34H**

RWY 06–24: H3471X60 (ASPH) MIRL — **IAP**

RWY 06: PAPI(P2L)—GA 5.75° TCH 39′. Trees. Rgt tfc.

RWY 24: PAPI(P2L)—GA 3.5° TCH 44′. Tree.

AIRPORT REMARKS: Attended 1300–2200Z‡. Deer and birds on and invof arpt. Arpt subject to gusting wind and frequent cross winds. Rwy 06–24 steep rock ledges located just beyond both rwy ends. Some rwy and twy lgts taller than standard. Rwy 06 NSTD glide angle due to terrain. ACTIVATE MIRL Rwy 06–24—CTAF.

COMMUNICATIONS: CTAF 122.9

Ⓡ **NEW YORK APP/DEP CON** 127.6

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SPARTA (H) VORTACW 115.7 SAX Chan 104 N41°04.05′ W74°32.30′ 078° 9.4 NM to fld. 1410/11W.

WILDWOOD

CAPE MAY CO (WWD) 4 NW UTC−5(−4DT) N39°00.51′ W74°54.50′ — **WASHINGTON**

23 B S2 **FUEL** 100LL, JET A TPA—See Remarks ARFF Index Ltd. NOTAM FILE WWD — **L–34G, A**

RWY 01–19: H4998X150 (ASPH) S–45, D–75, ST–95, DT–120 HIRL — **IAP**

RWY 01: PAPI(P4L)—GA 3.0°TCH 45′. Tree.

RWY 19: PAPI(P4L)—GA 3.0°TCH 59′. Thld dsplcd 77′. Road.

RWY 10–28: H4998X150 (ASPH) S–45, D–75, ST–95, DT–120 MIRL

RWY 10: PAPI(P4L)—GA 3.0°TCH 45′. Trees.

RWY 28: PAPI(P4L)—GA 3.0°TCH 45′. Twr.

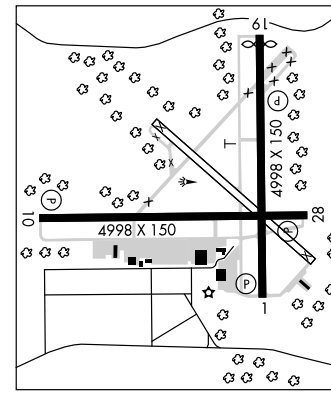
RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA–4998 TODA–4998 ASDA–4998 LDA–4998

RWY 10: TORA–4998 TODA–4998 ASDA–4998 LDA–4998

RWY 19: TORA–4998 TODA–4998 ASDA–4998 LDA–4921

RWY 28: TORA–4998 TODA–4998 ASDA–4998 LDA–4998



AIRPORT REMARKS: Attended 1300–2300Z‡. Birds on and invof arpt. PAEW within the safety area of all rwys and twys daily May thru Oct. Twy B south of Twy A can only be used by acft with wingspans less than 79′. Twy A west of Twy F can only be used by acft with wingspans less than 79′. TPA—823(800) single engine acft, 1023(1000) twin engine acft. ACTIVATE HIRL Rwy 01–19, MIRL Rwy 10–28—CTAF.

WEATHER DATA SOURCES: AWOS–3 118.275 (609) 886–9089

COMMUNICATIONS: CTAF/UNICOM 122.7

ATLANTIC CITY APP/DEP CON 124.6 **CLNC DEL** 121.7

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

WATERLOO (L) VOR/DME 112.6 ATR Chan 73 N38°48.59′ W75°12.68′ 059° 18.5 NM to fld. 5/09W.

ILS 108.9 I–CEJ Rwy 19. LOC only. LOC unmonitored.

WILLIAMSTOWN

SOUTHERN CROSS (CØ1) 3 SW UTC−5(−4DT) N39°39.33′ W75°00.87′ — **WASHINGTON**

145 S2 **FUEL** 100LL NOTAM FILE MIV

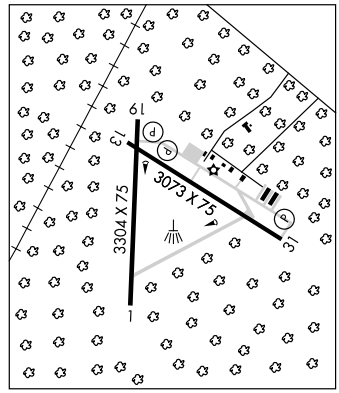
RWY 09–27: 2400X80 (TURF)

RWY 09: P–line. **RWY 27:** Tree.

AIRPORT REMARKS: Attended dalgt hrs. Rwy 09 p–line marked with orange balls.

COMMUNICATIONS: CTAF 122.9

WOODBINE MUNI (0BI) 2 SE UTC−5(−4DT) N39°13.15′ W74°47.69′ **WASHINGTON**
42 B S4 **FUEL** 100LL NOTAM FILE MIV **L–34G, A**
RWY 01–19: H3304X75 (ASPH) S–45, D–60, DT–120 MIRL 0.5% up N **IAP**
RWY 01: Trees.
RWY 19: REIL. PAPI(P2L)—GA 3.7° TCH 21′. Trees.
RWY 13–31: H3073X75 (ASPH) S–35, D–50, DT–110 MIRL
RWY 13: PAPI(P2L)—GA 3.0°TCH 20′. Trees.
RWY 31: REIL. PAPI(P2R)—GA 3.5°TCH 25′. Trees.
AIRPORT REMARKS: Attended Mon–Fri 1400–2200Z‡. Occasional weekend glider ops all rwys. Extensive banner towing ops Memorial Day through Labor Day, occasionally other times. ACTIVATE MIRL Rwy 13–31 and Rwy 01–19—CTAF.
WEATHER DATA SOURCES: AWOS–3 120.475 (609) 861–0610.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **ATLANTIC CITY APP/DEP CON** 124.6
GCO 121.725 **(ATLANTIC CITY APP CON)**
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
SEA ISLE (H) VORTAC 114.8 SIE Chan 95 N39°05.73′ W74°48.02′ 011° 7.4 NM to fld. 10/09W. **HIWAS.**



WOODSTOWN N39°38.16′ W75°18.18′ NOTAM FILE MIV. **WASHINGTON**
(L) VORTAC 112.8 OOD Chan 75 082° 13.2 NM to Cross Keys. 140/10W. **H–10I, L–34G, A**
RCO 122.1R 112.8T (MILLVILLE RADIO)

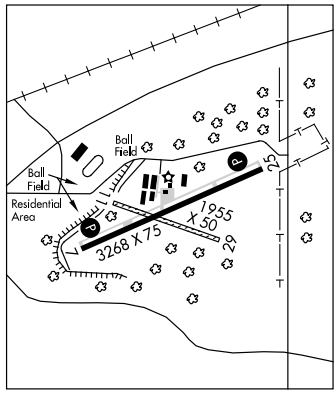
ADIRONDACK RGNL (See SARANAC LAKE)

AIRHAVEN (See STAATSBURG)

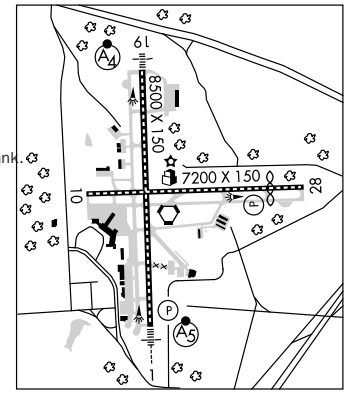
AIRLANE ENTERPRISES (See CLAY)

AIRTREK (See WATERLOO)

AKRON (9G3) 1 E UTC−5(−4DT) N43°01.25′ W78°28.97′ **DETROIT**
840 B S4 **FUEL** 100LL TPA—1840(1000) NOTAM FILE BUF **L–31E**
RWY 07–25: H3268X75 (ASPH) S–8 MIRL 0.3% up NE **IAP**
RWY 07: PAPI(P2L)—GA 4.0° TCH 56′. Road.
RWY 25: REIL. PAPI(P2R)—GA 4.0° TCH 56′. Road.
RWY 11–29: 1955X50 (TURF)
RWY 11: Trees. **RWY 29:** Trees.
AIRPORT REMARKS: Attended 1300Z‡–sunset. Rwy 11–29 CLOSED indef. Deer and turkey invof arpt. Arpt manager recommends Rwy 11–29 be used for ldgs only. Parallel twy lighted and 35′ wide. ACTIVATE MIRL Rwy 07–25, PAPI Rwys 07 and 25 and REIL Rwy 25—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **BUFFALO APP DEP/CON** 126.15
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74′ W78°38.78′ 061° 9.1 NM to fld. 730/08W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



ALBANY INTL (ALB) 6 NW UTC−5(−4DT) N42°44.95′ W73°48.12′ **NEW YORK**
285 B S4 **FUEL** 100LL, JET A AOE Class I, ARFF Index C **H–10I, 11C, 12J, L–32G, 33B, 34I**
NOTAM FILE ALB **IAP, AD**



RWY 01–19: H8500X150 (ASPH–GRVD) S–140, D–200, ST–175, DT–400 PCN 70 F/C/X/T HIRL CL
RWY 01: MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 54′.
RWY 19: MALS.
RWY 10–28: H7200X150 (ASPH–GRVD) S–140, D–200, ST–175, DT–400 PCN 67 F/C/X/T MIRL CL
RWY 10: REIL. Trees.
RWY 28: REIL. PAPI(P4L)—GA 3.35° TCH 50′. Thld dsplcd 1202′. Tank.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 01	10–28	4150
RWY 28	01–19	3750

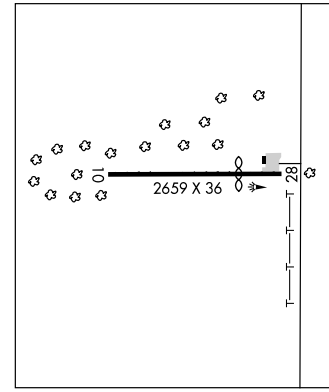
RUNWAY DECLARED DISTANCE INFORMATION

RWY 01:	TORA–8500	TODA–8500	ASDA–8500	LDA–8500
RWY 10:	TORA–7200	TODA–7200	ASDA–6780	LDA–6780
RWY 19:	TORA–8500	TODA–8500	ASDA–8500	LDA–8500
RWY 28:	TORA–7200	TODA–7200	ASDA–7200	LDA–5998

AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt. Weather balloon launches approximately 3 miles S of arpt at 1100Z‡ and 2300Z‡. Rwy 01 touchdown and rollout runway visual range avbl. Rwy 19 touchdown and rollout runway visual range avbl. Twy 'C' west of Twy 'A' non movement area. Twy D east of Rwy 01–19 restricted to acft 12,500 lbs and less. Customs/Immigration's Flight Information Service adjacent to Twy E east of Rwy 01–19 on apron area; please follow markings. Ldg fee. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (518) 464–6423.
COMMUNICATIONS: D–ATIS 120.45 (1–800–342–0120) **UNICOM** 122.95
RCO 122.1R 115.3T (BURLINGTON RADIO) **RCO** 122.45 122.2 (BURLINGTON RADIO)
Ⓡ **APP/DEP CON** 132.825 (011°–194°) 118.05 (194°–011°) 127.15
TOWER 119.5 **GND CON** 121.7 **CLNC DEL** 127.5
AIRSPACE: CLASS C svc continuous ctc **APP CON**
RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.
(L) VORTAC 115.3 ALB Chan 100 N42°44.84′ W73°48.19′ at fld. 275/13W.
VOR unusable:
330°–019° blo 3000′
330°–019° byd 10 NM blo 6000′
330°–019° byd 19 NM blo 9000′
330°–019° byd 28 NM blo 10000′
020°–059° byd 13 NM blo 6000′
060°–080°
100°–135° byd 8 NM blo 10000′
120°–135° byd 37 NM blo 14500′
136°–175° byd 8 NM blo 6000′
176°–193° byd 17 NM blo 8000′
176°–193° byd 25 NM blo 12000′
194°–221° blo 6000′
194°–221° byd 28 NM blo 8000′
310°–320° byd 30 NM blo 5000′
DME unusable:
030°–055° byd 10 NM
155°–195° byd 28 NM blo 5500′
255°–340° byd 28 NM
HAWKY NDB (LOM) 219 AL N42°49.04′ W73°48.51′ 189° 4.1 NM to fld. Unusable 160°–210° byd 10 NM.
ILS/DME 109.5 I–ALB Chan 32 Rwy 19. Class IE. LOM HAWKY NDB.
ILS/DME 109.5 I–DEJ Cham 32 Rwy 01. Class IE.
COMM/NAV/WEATHER REMARKS: CLASS C information available on ATIS frequency 20 NM.

ALBION

PINE HILL (9G6) 5 SW UTC−5(−4DT) N43°10.41′ W78°16.48′ **DETROIT**
669 NOTAM FILE BUF Not insp. **L–31E, 32F**
RWY 10–28: H2659X36 (ASPH) S–12 LIRL (NSTD) 0.6% up E **IAP, AD**
RWY 10: Tree. **RWY 28:** Thld dsplcd 250′. Road.
AIRPORT REMARKS: Unattended. Parachute Jumping. Rwy 10–28 limited to aircraft 12,500 lbs. 930′ twr 930′ SSE AER 28. 70′–80′ trees 150′ left AER 10. PAEW 75′ east of Rwy 28. Rwy 10–28 localized open spalling with loose material located only at beginning Rwy 10. Rwy 10–28 NSTD LIRL first 225′ east end unlgtd. ACTIVATE rwy lgts at 585–589–7758.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **BUFFALO APP DEP/CON** 126.15
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74′ W78°38.78′ 056° 22 NM to fld. 730/08W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



ALPINE N42°14.32′ W76°45.84′ NOTAM FILE ELM. **NEW YORK**
NDB (MHW) 245 ALP 242° 7.4 NM to Elmira/Corning Rgnl. **L–30J, 32F**

ARCADE–TRI CO (D23) 2 N UTC−5(−4DT) N42°34.00′ W78°25.57′ **DETROIT**
1745 NOTAM FILE BUF
RWY 09–27: 3220X60 (GRVL) MIRL
RWY 09: Trees. **RWY 27:** Brush.
RWY 14–32: 2710X80 (TURF)
RWY 14: Trees. **RWY 32:** Trees.
AIRPORT REMARKS: Unattended. Parachute activities irregular hrs. Arpt CLOSED winter months. Ultralgt acft prohibited. Rwy 09–27 CLOSED except PPR 716–537–9172. ACTIVATE MIRL Rwy 09–27—123.0.
COMMUNICATIONS: CTAF/UNICOM 123.0
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

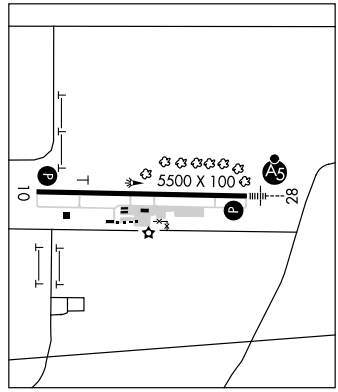
ARGYLE (1C3) 2 NE UTC−5(−4DT) N43°15.25′ W73°28.26′ **NEW YORK**
330 S4 NOTAM FILE BTV
RWY 03–21: 2400X87 (TURF)
RWY 03: Trees. **RWY 21:** Brush.
AIRPORT REMARKS: Attended 1130Z‡–dusk. Arpt may be CLOSED wet weather call 518–638–9723. Ultralgts on and invof arpt. Aerobatics box E of Rwy 03. Rwy 03–21 width varies from 87′–100′.
COMMUNICATIONS: CTAF 122.9

AVON N43°00.60′ W77°46.16′ NOTAM FILE ROC. **DETROIT**
NDB (MHW) 344 AVN 042° 7.8 NM to Greater Rochester Intl. **L–31E, 32F**

BABYLON N40°40.35′ W73°23.06′ NOTAM FILE FRG. **NEW YORK**
NDB (HW) 275 BBN 353° 3.6 NM to Republic. NDB unusable byd 15 NM. **COPTER**
L–33B, 34H

BATAVIA

GENESEE CO (GVQ) 2 N UTC−5(−4DT) N43°01.91′ W78°10.18′ **DETROIT**
914 B S4 **FUEL** 100LL, JET A1 + OX 1 TPA—1914(1000) NOTAM FILE GVQ **H–10H, 11B, L–31E, 32F**
RWY 10–28: H5500X100 (ASPH) S–21, D–33 HIRL **IAP**
RWY 10: REIL. PAPI(P2L). Fence.
RWY 28: MALSR. REIL. PAPI(P2L)—GA 3.0° TCH 43′.
AIRPORT REMARKS: Attended Apr–Oct 1230–0100Z‡, Nov–Mar 1230–2330Z‡. Rwy 28 MALSR OTS indef. Rwy 28 REIL OTS indef. ACTIVATE HIRL Rwy 10–28, PAPI Rwy 10 and Rwy 28, REIL Rwy 10 and Rwy 28, and MALSR Rwy 28—CTAF.
WEATHER DATA SOURCES: AWOS–3 127.525 (716) 343–6369.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **ROCHESTER APP/DEP CON** 123.7 **CLNC DEL** 121.8
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
GENESEO (L) VOR/DME 108.2 GEE Chan 19 N42°50.06′ W77°43.97′ 311° 22.6 NM to fld. 990/09W.
ILS 108.9 I–GVQ Rwy 28.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



BAYPORT AERODROME (23N) 1 NW UTC−5(−4DT) N40°45.51′ W73°03.22′ **NEW YORK**
41 TPA—641(600) NOTAM FILE ISP **COPTER**
RWY 18–36: 2740X150 (TURF)
RWY 18: Trees. Rgt tfc. **RWY 36:** APAP(PNIR)—GA 5.0° TCH 20′. Thld dsplcd 550′. Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Arpt CLOSED 30 minutes after SS–30 minutes before SR. Rwy 18–36 east 75′ CLOSED Oct–Apr, west 75′ CLOSED May–Sep. No closed tfc pattern or touch and go landings. All tfc enter 45° left base for Rwy 36 at 600 ft MSL due to heavy jet tfc Rwy 33L at ISP. All tfc enter 45° rgt downwind for Rwy 18 over lakes at 600 ft MSL due to heavy jet tfc ldg Rwy 33L at ISP. Rwy 36 dsplcd thld marked with one ft wide apron and 2 ft wide thld (white) both made with conc blocks flush with turf surface. Phone at arpt 631–472–4747.
COMMUNICATIONS: CTAF/UNICOM 122.7

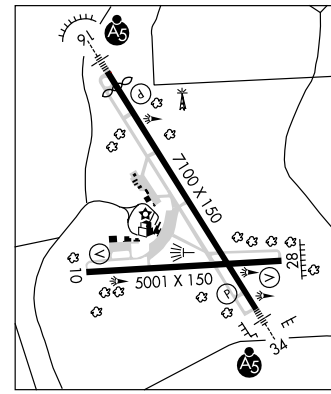
BECKS GROVE (See ROME)

BINGHAMTON N42°09.45′ W76°08.19′ NOTAM FILE BUF. **NEW YORK**
(L) VORTAC 112.2 CFB Chan 59 076° 7.6 NM to Greater Binghamton/Edwin A Link Fld. 1583/10W. **L–30J, 32F**

BINGHAMTON

GREATER BINGHAMTON/EDWIN A LINK FLD (BGM) 7 N UTC−5(−4DT) **NEW YORK**
N42°12.51′ W75°58.78′ **H–10H, 11C, 12J, L–30J, 32F, 33A**
1636 B S2 **FUEL** 100LL, JET A OX 3, 4 TPA—2436(800) Class I, ARFF Index B **IAP, AD**
NOTAM FILE BGM

RWY 16–34: H7100X150 (ASPH–GRVD) S–98, D–125, ST–159, DT–187 HIRL 0.9% up NW
RWY 16: MALSR. PAPI(P2L)—GA 3.0°TCH 52′. Thld dsplcd 400′. Antenna.
RWY 34: MALSR. PAPI(P2L)—GA 3.0°TCH 44′.
RWY 10–28: H5001X150 (ASPH–GRVD) S–98, D–125, ST–159, DT–187 MIRL 0.4% up W
RWY 10: VASI(V4L)—GA 3.0°TCH 55′ (Unmonitored).
RWY 28: REIL. VASI(V4L)—GA 3.0°TCH 45′.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 10:	TORA–5002	TODA–5002	ASDA–5002	LDA–5002
RWY 16:	TORA–7100	TODA–7100	ASDA–7100	LDA–6699
RWY 28:	TORA–5002	TODA–5002	ASDA–5002	LDA–5002
RWY 34:	TORA–7100	TODA–7100	ASDA–7100	LDA–7100

ARRESTING GEAR/SYSTEM
RWY 16: EMAS
RWY 34: EMAS

AIRPORT REMARKS: Attended continuously. Lgtd structure 118 ft AGL 2000 ft south of apch end Rwy 10. Bird activity on and in vicinity of arpt. PPR 12 hours for unscheduled air carrier ops with more than 9 passenger seats 0400–1100Z‡ call arpt manager 607–763–4474. ARFF available 1015–0545Z‡ and/or until 15 minutes after the last scheduled air carrier or commuter. Tower unable to see hard surface W of maintenance building. FBO services available Sun–Sat 0930–0300Z‡. For after hrs services ctc 607–727–5975/481–0726/727–9621. PAPI Rwy 16 and Rwy 34 OTS indef. When twr clsd ACTIVATE HIRL Rwy 16–34, MIRL Rwy 10–28, MALSR Rwy 16 and Rwy 34 and twy lgts—CTAF. Ldg fee for multi-engine and turbine acft over 4000 pounds. U.S. Customs user fee arpt.

WEATHER DATA SOURCES: ASOS (607) 729–8335.
COMMUNICATIONS: CTAF 119.3 **ATIS** 128.15 **UNICOM** 122.95
BINGHAMTON RCO 122.1R 112.2T (BUFFALO RADIO)
Ⓡ **BINGHAMTON APP/DEP CON** 118.6 (surface–5000′) 127.55 (6000′–8000′) (1100–0500Z‡)
Ⓡ **NEW YORK CENTER APP/DEP CON** 132.175 (0500–1100Z‡)
BINGHAMTON TOWER 119.3 (1100–0500Z‡) **GND CON** 121.9 **CLNC DEL** 125.05
AIRSPACE: CLASS D svc 1100–0500Z‡ other times CLASS E. **TRSA** svc ctc **APP CON.**
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
BINGHAMTON (L) VORTAC 112.2 CFB Chan 59 N42°09.45′ W76°08.19′ 076° 7.6 NM to fld. 1583/10W.
SMITE NDB (LOM) 332 BG N42°06.28′ W75°53.47′ 340° 7.4 NM to fld.
ILS 110.3 I–BGM Rwy 34. Class IA. LOM SMITE NDB. ILS unmonitored when twr clsd.
ILS 110.3 I–AAJ Rwy 16. ILS unmonitored when twr clsd.
COMM/NAV/WEATHER REMARKS: When BGM twr clsd, clnc del thru Flight Services on CFB VOR 122.1R/112.2T and 1–888–766–8267.

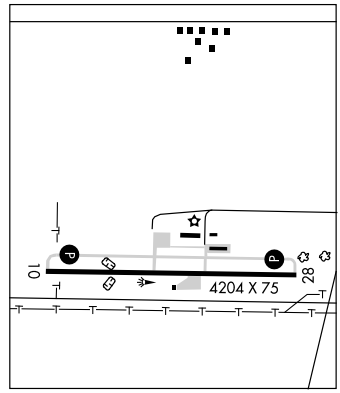
BREIT N43°07.59′ W77°33.24′ NOTAM FILE ROC.
NDB (LOM) 400 RO 275° 5.2 NM to Greater Rochester Intl

BRIDGE N40°34.09′ W73°52.98′ NOTAM FILE ISP. **NEW YORK**
NDB (MHW) 414 OGY 060° 6.5 NM to John F. Kennedy. **COPTER**
Unusable 011°–055° byd 15 NM; 300°–010° byd 7 NM. **L–34H**

BRIEL N44°28.61′ W74°07.45′ NOTAM FILE SLK. **MONTREAL**
NDB (LOM) 395 SL 227° 6.5 NM to Adirondack Rgnl. **L–32G**

BROCKPORT

LEDGEDALE AIRPARK (7GØ) 3 SE UTC−5(−4DT) N43°10.87′ W77°54.93′ **DETROIT**
665 S4 **FUEL** 100LL, JET A NOTAM FILE BUF **L–31E, 32F**
RWY 10–28: H4204X75 (ASPH) S–12 MIRL **IAP**
RWY 10: REIL. PAPI(P2L)—GA 4.0° TCH 36′. Tree.
RWY 28: REIL. PAPI(P2R)—GA 4.0° TCH 20′. Tree.
AIRPORT REMARKS: Attended 1500–2100Z‡. For attendance other hrs Mon–Fri 585–637–5050. Deer on and invof arpt. Migratory birds on arpt in spring and fall. Rwy 10 REIL OTS indef. ACTIVATE MIRL Rwy 10–28, REIL Rwy 10 and Rwy 28, PAPI Rwy 10 and Rwy 28—CTAF.
COMMUNICATIONS: CTAF 123.0 **UNICOM** 122.7
Ⓡ **ROCHESTER APP/DEP CON** 123.7
RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.
ROCHESTER (L) VOR/DME 110.0 ROC Chan 37 N43°07.08′ W77°40.37′ 302° 11.3 NM to fld. 549/12W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



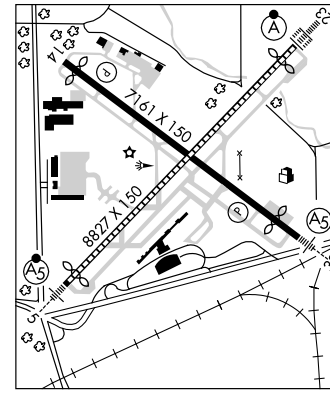
BROOKHAVEN (See SHIRLEY)

BUFFALO

BUFFALO AIRFIELD (9GØ) 6 SE UTC−5(−4DT) N42°51.72′ W78°43.00′ **DETROIT**
670 B S4 **FUEL** 100LL TPA—1500 (830) NOTAM FILE BUF **L–30I, 31E**
RWY 06–24: H2668X59 (ASPH) S–8 MIRL 0.3% up NE. **IAP**
RWY 06: Brush. **RWY 24:** Fence.
AIRPORT REMARKS: Attended daylight hours. Deer on and invof arpt. 24 hrs self fuel with credit card. Rwy 06 218′ safety area; Rwy 24 76′ safe area. ACTIVATE MIRL Rwy 06–24—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **BUFFALO APP DEP/CON** 126.15
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
(H) VOR/DME 116.4 BUF Chan 111 N42°55.74′ W78°38.78′ 226° 5.1 NM to fld. 730/08W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

BUFFALO NIAGARA INTL (BUF) 5 E UTC−5(−4DT) N42°56.43′ W78°43.93′ **DETROIT**
728 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index D **H–10H, 11B, L–31E**
NOTAM FILE BUF **IAP, AD**

RWY 05–23: H8827X150 (ASPH–GRVD) S–75, D–195, ST–175, DT–450 HIRL CL
RWY 05: MALSR. TDZL. Thld dsplcd 535′. Bldg. 0.9% up.
RWY 23: ALSF2. TDZL. Thld dsplcd 725′. Tree.
RWY 14–32: H7161X150 (ASPH–GRVD) S–75, D–150, ST–127, DT–240 PCN 47 F/A/X/T HIRL
RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Thld dsplcd 320′. Tree.
RWY 32: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 54′. Thld dsplcd 720′. Sign.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–8827 TODA–8827 ASDA–8292 LDA–7757
RWY 14: TORA–7161 TODA–7161 ASDA–6441 LDA–6121
RWY 23: TORA–8827 TODA–8827 ASDA–8292 LDA–7567
RWY 32: TORA–7161 TODA–7161 ASDA–6841 LDA–6121

AIRPORT REMARKS: Attended continuously. Heavy concentration of gulls, blackbirds, and starlings up to 5000 ft on and invof arpt. Deer on and invof arpt. Twy K1 clsd 0200–1100Z‡ daily. Twy A SW runup area/holding bay marked design group 3 acft (generally B727 or smaller), unavbl design group 4 (includes but not limited to B757, DC8). For fixed–base operator svcs ctc 131.75; for cargo svcs ctc 122.95. Rwy 23 ALSF2 unmonitored. Ldg fee. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (716) 635–0532. WSP.
COMMUNICATIONS: D–ATIS 135.35
RCO 122.6 122.2 122.1R (BUFFALO RADIO)
Ⓡ **APP DEP/CON** 126.15 (053°–233°) 126.5 (234°–052°)
TOWER 120.5 **GND CON** 133.2 **CLNC DEL** 124.7 **PRE–TAXI CLNC** 124.7
AIRSPACE: CLASS C svc continuous, ctc **APP CON**
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
(H) VOR/DME 116.4 BUF Chan 111 N42°55.74′ W78°38.78′ 288° 3.8 NM to fld. 730/08W.
VOR/DME unusable:
036°–261° blo 11,000′ 276°–305° blo 6000′
262°–275° blo 2300′
KLUMP NDB (LOM) 231 BU N43°00.01′ W78°39.05′ 234° 5.1 NM to fld.
PLAZZ NDB (LOM) 204 GB N42°52.43′ W78°48.99′ 052° 5.5 NM to fld.
ILS 111.3 I–BUF Rwy 23. Class IE. LOM KLUMP NDB. Glideslope unusable byd 5° rgt of course.
ILS 108.5 I–GBI Rwy 05. Class IA. LOM PLAZZ NDB.
ILS/DME 109.95 I–BNQ Chan 36(Y) Rwy 32.

CLARENCE AERODROME (D51) 5 NE UTC−5(−4DT) N43°04.00′ W78°40.99′ **DETROIT**
589 NOTAM FILE BUF
RWY 10–28: 2500X67 (TURF) LIRL
RWY 10: Pole. **RWY 28:** Trees.
AIRPORT REMARKS: Unattended. Ultralights on and invof arpt. Rwy 10–28 outlined with cones. ACTIVATE LIRL Rwy 10–28—122.7.
COMMUNICATIONS: CTAF/UNICOM 122.7

BUFFALO–LANCASTER RGNL (See LANCASTER)

BURRELLO–MECHANICVILLE (See MECHANICVILLE)

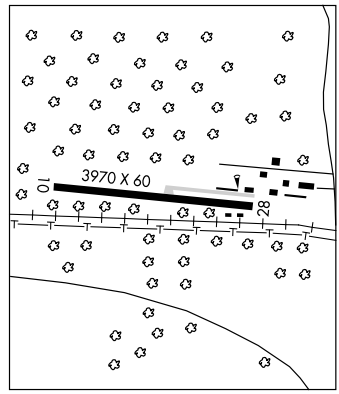
CALVERTON N40°55.78′ W72°47.93′ NOTAM FILE ISP. **NEW YORK**
(L) VORW/DME 117.2 CCC Chan 119 219° 7.2 NM to Brookhaven. 86/13W. **COPTER**
VOR portion unusable 280°–290° byd 25 NM. **H–10I, L–33B, 34I**

CAMBRIDGE N42°59.66′ W73°20.64′ NOTAM FILE BTV. **NEW YORK**
(L) VORW/DME 115.0 CAM Chan 97 159° 7.5 NM to Bennington State, Vt. 1490/14W. **H–11C, 12J, L–32G, 34J**
HIWAS.
DME unusable 050°–130° beyond 20 NM below 9000′.

CAMBRIDGE

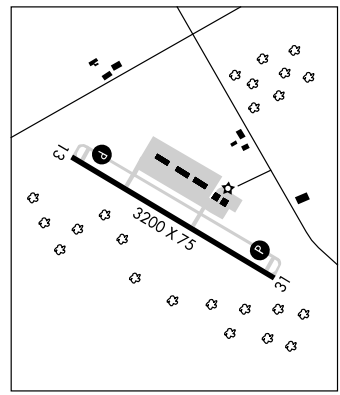
CHAPIN FLD (1B8) 2 N UTC−5(−4DT) N43°03.00′ W73°21.97′ **NEW YORK**
508 S2 NOTAM FILE BTV
RWY 05–23: 2130X65 (TURF)
RWY 05: Trees. **RWY 23:** Trees.
RWY 07–25: 2100X63 (TURF)
RWY 07: REIL. Thld dsplcd 222′. Railroad. **RWY 25:** Thld dsplcd 306′. Road.
AIRPORT REMARKS: Unattended. Rwy 05–23 width varies from 65′–80′ based on mowing. Rwy 05–23 and Rwy 07–25 soft and wet Mar–Jun. Lgtd 5′ fence at Rwy 25 end. Rwy 07 and Rwy 25 dsplcd thld marked with striped cylinders.
COMMUNICATIONS: CTAF 122.9

CAMILLUS (NY2) 4N UTC−5(−4DT) N43°05.12′ W76°17.56′ **NEW YORK**
405 B NOTAM FILE BUF **L–32F**
RWY 10–28: H3970X60 (ASPH) LIRL(NSTD)
RWY 10: Trees. **RWY 28:** Building.
AIRPORT REMARKS: Unattended. Rwy 10–28 terrain drops off 3′ to 4′ along both sides of rwy on W end. Helipad located just northeast of Rwy 28 thld. Rwy 10–28 NSTD LIRL due to location. ACTIVATE rotating bcn—CTAF. ACTIVATE NSTD LIRL Rwy 10–28—CTAF.
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.
SYRACUSE (H) VORTACW 117.0 SYR Chan 117 N43°09.63′ W76°12.27′ 232° 5.9 NM to fld. 420/11W. **HIWAS.**
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



CANANDAIGUA

CANANDAIGUA (D38) 3 NW UTC−5(−4DT) N42°54.43′ W77°19.30′ **DETROIT**
814 B S4 **FUEL** 100LL NOTAM FILE BUF **L–31E, 32F**
RWY 13–31: H3200X75 (ASPH) MIRL 0.4% up SE **IAP**
RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 20′. Brush.
RWY 31: REIL. PAPI(P2R)—GA 3.0° TCH 20′.
AIRPORT REMARKS: Attended irregularly. For services call 716–394–8651. For arpt conditions call 585–394–8651. ACTIVATE PAPI Rwy 13 and Rwy 31, and MIRL Rwy 13–31—CTAF. REILS ACTIVATED only when rwy lgts are on high intensity.
WEATHER DATA SOURCES: AWOS–3 118.675 (585) 396–5861.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ROCHESTER APP/DEP CON** 119.55
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
GENESEO (L) VOR/DME 108.2 GEE Chan 19 N42°50.06′ W 77°43.97′ 085° 18.7 NM to fld. 990/9W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



CANARSIE N40°36.75′ W73°53.67′ NOTAM FILE JFK. **NEW YORK**
(T) VORW/DME 112.3 CRI Chan 70 041° 1.7 NM to lead–in lgt Rwys 13L, 13R John F. Kennedy Intl. 10/11W. **COPTER**
VOR/DME unusable 320°–005° blo 2500′. **L–33B, 34I**

CARMEL N41°16.80′ W73°34.88′ NOTAM FILE ISP. NEW YORK
(L) VORW/DME 116.6 CMK Chan 113 050° 6.7 NM to Danbury Muni. 690/12W. COPTER
VOR unusable 113°–141° H–10I, L–33B, 34I

CATTARAUGUS COUNTY–OLEAN (See OLEAN)

CHAPIN FLD (See CAMBRIDGE)

CHAUTAUQUA CO/DUNKIRK (See DUNKIRK)

CHAUTAUQUA CO/JAMESTOWN (See JAMESTOWN)

CHITTENANGO

LUTHER (1D5) 1 E UTC−5(−4DT) N43°01.75′ W75°50.73′ NEW YORK
740 NOTAM FILE BUF
RWY 09–27: 1700X80 (TURF)
RWY 09: P-line. **RWY 27:** Brush.
RWY 17–35: 1060X90 (TURF)
RWY 17: Tree. **RWY 35:** Tree.
AIRPORT REMARKS: Unattended. First 50 ft of Rwy 35 drops off approximately 8 ft. Rwy not always plowed for winter ops; call 315–687–5456 for conditions. Rwy 17–35–crosswind rwy not mowed, 4′ high grass, bushes, and saplings entire length of rwy. Rwy 9–27 mowed clear area 100′X100′ before each rwy beginning. Rwy 09 numbers barely visible in grass. Rwy 27 numbers barely visible in grass. Rwy 09 utility poles/lines cross rwy at angle–is 315′ from thld at centerline. Rwy 27 has +24′ utility poles/wires cross rwy at a skew. Closest is 104′ right; 170′ from thld; +21′ tree, 100′ right 40′ from thld. 12′ drop-off located 10′ from rwy end.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

CLARENCE AERODROME (See BUFFALO)

CLAY

AIRLANE ENTERPRISES (1H1) 1 N UTC−5(−4DT) N43°12.30′ W76°10.73′ NEW YORK
385 NOTAM FILE BUF
RWY 01–19: 2220X75 (TURF)
RWY 01: Trees. **RWY 19:** Trees.
RWY 10–28: 1550X97 (TURF)
RWY 10: Trees. **RWY 28:** Trees.
AIRPORT REMARKS: Attended daylight hours. Deer on and invof arpt. Ski operations in winters. Para plane activity–evenings and weekends. Rwy 01–19 width varies 75′ to 90′. Rwy 10–28 width varies 97′ to 136′. Rwy 10–28 edges marked with barrels. Rwy 01–19 edges marked with barrels.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

COLUMBIA CO (See HUDSON)

COOPERSTOWN–WESTVILLE (K23) 4 SE UTC−5(−4DT) N42°37.75′ W74°53.46′ NEW YORK
1260 S4 **FUEL** 100LL TPA—2065(805) NOTAM FILE BUF
RWY 02–20: 2337X125 (TURF) MIRL(NSTD)
RWY 02: TRCV (TRIL). Brush. Rgt tfc. **RWY 20:** TRCV (TRIL). Tree.
AIRPORT REMARKS: Attended May–Nov 1300–0100Z‡, Dec–Apr 1300–2100Z‡. 87 octane also avbl. Self service fueling avbl. Rwy 02–20 NSTD MIRL spacing, 2 thld lgts each side. Rwy edge denoted by white tires around edge lgts. ACTIVATE MIRL Rwy 02–20—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

CORNING–PAINTED POST (7N1) 2 NW UTC−5(−4DT) N42°10.78′ W77°07.24′ DETROIT
962 B S3 **FUEL** 100LL NOTAM FILE BUF L–30J, 32F
RWY 14–32: H3270X75 (ASPH) S–30 MIRL
RWY 14: REIL. Trees. Rgt tfc. **RWY 32:** REIL. Trees.
AIRPORT REMARKS: Attended dalgt hrs. ACTIVATE rotating bcn, MIRL Rwy 14–32 and REIL Rwy 14 and Rwy 32—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE ELM.
ELMIRA (L) VOR/DME 109.65 ULW Chan 33(Y) N42°05.65′ W77°01.49′ 332° 6.7 NM to fld. 1620/12W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

CORTLAND CO–CHASE FLD (NØ3) 2 SW UTC−5(−4DT) N42°35.56′ W76°12.89′ — NEW YORK, L–32F, IAP

1198 B S4 **FUEL** 100LL NOTAM FILE NØ3

RWY 06–24: H3400X75 (ASPH) S–12 MIRL 1.0% up SW

RWY 06: PAPI(P2L)—GA 4.0° TCH 40′. Tree.

RWY 24: REIL. PAPI(P2L)—GA 4.0° TCH 45′. Trees.

AIRPORT REMARKS: Attended Mon–Fri 1300–2030Z‡, Unattended holidays. Heavy concentration of geese and gulls on and invof arpt during spring/fall. Self svc fuel avbl 24 hrs with credit card. ACTIVATE MIRL Rwy 06–24, REIL Rwy 24, PAPI Rwy 06 and Rwy24, and twy lgts—CTAF. Snow removal during day only.

WEATHER DATA SOURCES: AWOS–3 132.225 (607) 753–9784.

COMMUNICATIONS: CTAF/UNICOM 122.8

GEORGETOWN RCO 122.1R 117.8T (BUFFALO RADIO)

BINGHAMTON APP CON 118.6 (S–SE) (1100–0500Z‡)

ELMIRA APP CON 124.3 (W) (1100–0500Z‡)

SYRACUSE APP CON 126.125 (N–NE)

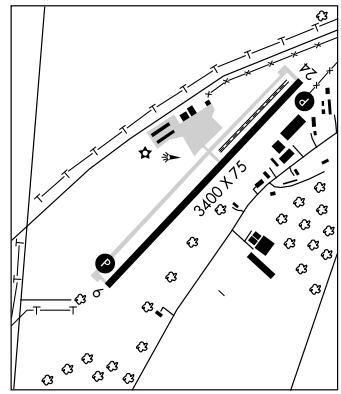
NEW YORK CENTER APP CON 133.35 (0500–1100Z‡)

SYRACUSE DEP CON 126.125

RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.

ITHACA (L) VOR/DME 111.8 ITH Chan 55 N42°29.70′ W76°27.60′ 072° 12.3 NM to fld. 1102/10W.

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



CREEKSIDE (See HOLCOMB)

DANSVILLE MUNI (DSV) 1 NW UTC−5(−4DT) N42°34.25′ W77°42.78′ — DETROIT, L–30I, 31E, 32F, IAP

662 B S4 **FUEL** 100LL NOTAM FILE DSV

RWY 14–32: H3500X100 (ASPH) S–30 MIRL 0.7% up SE

RWY 14: VASI(V2L)—GA 3.0°TCH 53′. Road.

RWY 32: VASI(V4L)—GA 4.0° TCH 53′. Road.

RWY 18–36: H2443X100 (ASPH) S–30 MIRL 0.9% up S

RWY 18: Thld dsplcd 165′. Tree.

RWY 36: Tree.

AIRPORT REMARKS: Attended 1300Z‡–dark. Extensive glider activity. Normal glider ops utilize rgt-hand pattern for the turf area to the rgt of Rwy 32; left hand pattern for the turf area to the left of Rwy 14. ACTIVATE MIRL Rwys 14–32 and 18–36 and VASI Rwys 14 and 32—123.0.

WEATHER DATA SOURCES: ASOS 118.325 (585) 335–2380.

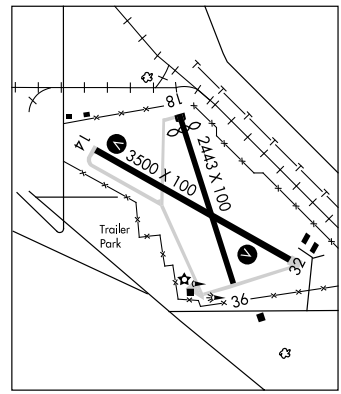
COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **ROCHESTER APP/DEP CON** 123.7

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

GENESEO (L) VOR/DME 108.2 GEE Chan 19 N42°50.06′ W77°43.97′ 186° 15.6 NM to fld. 990/09W.

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



DART (See MAYVILLE)

DEER PARK N40°47.51′ W73°18.22′ NOTAM FILE ISP. — NEW YORK, COPTER, H–10I, L–33B, 34H

(L) VORW/DME 117.7 DPK Chan 124 245° 6.3 NM to Republic. 117/12W.

VOR/DME unusable byd 25 NM blo 5000′

DME unusable 265°–274° byd 17 NM blo 5000′

275°–280°

281°–015° byd 17 NM blo 5000′

DEGRASSE

MOORES (1E8) 3 N UTC−5(−4DT) N44°23.25′ W75°03.98′ **MONTREAL**
814 NOTAM FILE BTV
RWY 02–20: 2200X55 (TURF)
RWY 02: Trees. **RWY 20:** Trees
AIRPORT REMARKS: Unattended. Deer on and in vicinity of arpt. Rwy 20 52′ trees 263′ from thld crosses rwy width. Rwy 02 ditch outlets located 31′ from thld marked by cones. Rwy 20 starts at approximately 250′ from trees on rwy end.
COMMUNICATIONS: CTAF 122.9

DE LANCEY N42°10.70′ W74°57.42′ NOTAM FILE BUF. **NEW YORK**
(L) VORW/DME 112.1 DNY Chan 58 301° 21.8 NM to Sidney Muni. 2560/11W. **H–11C, 12H, L–33A**
HIWAS. HIWAS OTS indef.

DOLGEVILLE (1F6) 1 NE UTC−5(−4DT) N43°07.00′ W74°44.98′ **NEW YORK**
945 NOTAM FILE BUF
RWY 11–29: 1360X100 (TURF)
RWY 11: Road. **RWY 29:** Trees.
AIRPORT REMARKS: Unattended. There is no definite edge for Rwy 11 which is part of a playing fld. Athletics may be going on from Jun to Nov. Radio control airplanes invof rwy throughout the year. Rwy 11–29 soft and wet during spring.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

DOWNTOWN MANHATTAN/WALL STREET HELIPORT (See NEW YORK)

DRUM N44°04.11′ W75°44.16′ NOTAM FILE GTB. **NEW YORK**
NDB (MHW) 257 GTB 150° 1.1 NM to Wheeler Sack AAF. **L–32F**

DUANESBURG (4B1) 0 S UTC−5(−4DT) N42°45.50′ W74°07.97′ **NEW YORK**
710 TPA—1510(800) NOTAM FILE BTV
RWY 10–28: H2600X45 (ASPH)
RWY 10: Trees. **RWY 28:** Trees.
AIRPORT REMARKS: Attended daylight hours. Parachute jumping. Rwy 10–28 loose and broken asph and may have loose material, check with arpt management for current condition at 518–895–4184. Rwy 10 safety area has −20′ slope 25′ from thld.
COMMUNICATIONS: CTAF/UNICOM 123.0

DUNKIRK N42°29.43′ W79°16.45′ NOTAM FILE BUF **DETROIT**
(H) VORTAC 116.2 DKK Chan 109 at Chautauqua Co Dunkirk. 680/07W. **H–10H, L–30H**
VOR portion unusable 120°–180° byd 22 NM blo 4000′.
DME portion unusable:
100°–169° byd 17 NM blo 4700′
170°–190° byd 17 NM blo 7500′
191°–205° byd 17 NM blo 5500′
206°–235° byd 17 NM blo 4500′

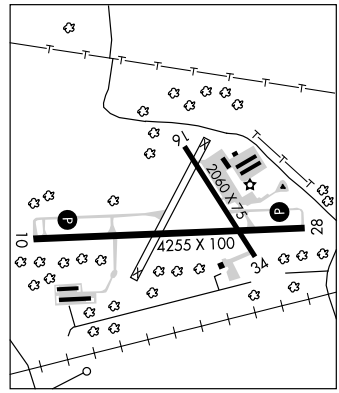
DUNKIRK

CHAUTAUQUA CO/DUNKIRK (DKK) 3 E UTC−5(−4DT) N42°29.60′ W79°16.32′ **DETROIT**
693 B S4 **FUEL** 100LL, JET A OX 3 NOTAM FILE DKK **H–10H, L–30H**
RWY 06–24: H5000X100 (ASPH–GRVD) S–45 HIRL **IAP**
RWY 06: REIL. PAPI(P4L)—GA 3.0°. Trees. **RWY 24:** REIL. PAPI(P2L)—GA 3.0°. TCH 44′.
RWY 15–33: H4000X100 (ASPH) S–25 MIRL 0.8% up SE
RWY 15: PAPI(P4L)—GA 3.0°. TCH 36′. Tree. **RWY 33:** PAPI(P4L)—GA 3.1°. TCH 45′. Tree.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Deer and birds invof arpt. Ngt snow plowing not avbl. PPR for services after hrs, call FBO manager 716–366–6938. ACTIVATE HIRL Rwy 06–24 and MIRL Rwy 15–33, and PAPI Rwy 06, Rwy 24, Rwy 15 and Rwy 33, and REIL Rwy 06 and Rwy 24—CTAF.
WEATHER DATA SOURCES: ASOS 119.275 (716) 366–7664.
COMMUNICATIONS: CTAF/UNICOM 123.075
RCO 122.1R 116.2T (BUFFALO RADIO)
Ⓡ **BUFFALO APP/DEP CON** 126.5
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
DUNKIRK (H) VORTAC 116.2 DKK Chan 109 N42°29.43′ W79°16.45′ at fld. 680/07W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services on DKK VOR 122.1R,116.2T and 1–888–766–8267.

DUTCHESS CO (See POUGHKEEPSIE)

EAST 34TH STREET HELIPORT (See NEW YORK)

EAST HAMPTON (HTO) 3 W UTC−5(−4DT) N40°57.57′ W72°15.10′ **NEW YORK COPTER**
55 B S4 **FUEL** 100LL, JET A NOTAM FILE HTO **L–33C, 34I**
RWY 10–28: H4255X100 (ASPH) S–60 MIRL 0.6% up W **IAP**
RWY 10: REIL. PAPI (P2L)–GA 3.0° TCH 55′. Trees.
RWY 28: REIL. PAPI(P2R)—GA 3.0°. Pole.
RWY 16–34: H2060X75 (ASPH) S–8 0.6% up NW
RWY 16: Road.
RWY 34: Road.
AIRPORT REMARKS: Attended 1300Z‡–SS. Deer on and invof arpt. Rwy 16–34 cracked with vegetation growing through, standing water. Noise abatement procedures in effect ctc arpt management for details at 631–537–1130. ACTIVATE MIRL Rwy 10–28, PAPI Rwy 10, PAPI Rwy 28, REIL Rwy 10, REIL Rwy 28—CTAF. Pilot-controlled ltg unavbl dalgt hrs. Ldg fee for all transient acft to include touch and go ops.
WEATHER DATA SOURCES: HIWAS 113.6 HTO.
COMMUNICATIONS: CTAF/UNICOM 122.7
HAMPTON RCO 122.6 122.1R 113.6T (NEW YORK RADIO)
Ⓡ **NEW YORK APP/DEP CON** 125.975 **CLNC DEL** 118.95
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
HAMPTON (H) VORTAC 113.6 HTO Chan 83 N40°55.14′ W72°19.00′ 064° 3.8 NM to fld. 22/13W. **HIWAS.**



EAST MORICHES

LUFKER (49N) 1 NE UTC−5(−4DT) N40°49.49′ W72°45.06′ **NEW YORK COPTER**
57 NOTAM FILE ISP
RWY N–S: 2300X100 (TURF)
RWY N: Tree. **RWY S:** Road. Rgt tfc.
AIRPORT REMARKS: Attended dalgt hrs. Banner towing ops May–Oct. Glider and ultralights ops dalgt hrs May–Oct. Spadaro arpt tfc pat 590′ east. Ldg fee. Rwy N–S south end of rwy marked with boards.
COMMUNICATIONS: CTAF 122.9

SPADARO (1N2) 1 NE UTC−5(−4DT) N40°49.67′ W72°44.92′ **NEW YORK COPTER**
50 S4 NOTAM FILE ISP
RWY 18–36: H2400X25 (ASPH) S–12.5E
RWY 18: Brush. **RWY 36:** Thld displaced 485′. P–line. Rgt tfc.
AIRPORT REMARKS: Attended May–Oct dalgt hours. Parachute Jumping. Ultralgts on and invof arpt. PAEW 75′ east of Rwy 18. Due to close proximity of LUFKER arpt (590 ft between rwys) adhere to the following tfc pattern. North ops: SPADARO–Rgt tfc, LUFKER–Left tfc. South ops: SPADARO–Left tfc, LUFKER–Rgt tfc. Arrivals: Intercept final apch 45° to final apch leg 1500 ft from apch end of rwy. Departures: Make 45° turn ASAP after tkf to intercept crosswind leg. Use south ops for ldg when winds are 5 knots or less; or when winds are more than 5 knots 90° either side of centerline. Use north ops for tkf with no wind; heavy gross weight and for noise abatement. Rwy 18–36 marked with orange gray striped cones 2′ high.
COMMUNICATIONS: CTAF/UNICOM 123.0

EDINBURG

PLATEAU SKY RANCH (1F2) 1 NW UTC−5(−4DT) N43°13.50′ W74°06.89′ **NEW YORK**
1070 NOTAM FILE BTV
RWY 06–24: 2400X100 (TURF)
RWY 06: Road. **RWY 24:** Trees.
RWY 01–19: 2000X100 (TURF)
RWY 01: Road. **RWY 19:** Road.
AIRPORT REMARKS: Unattended. Ultralgt acft on and invof arpt. Trap and skeet shooting between Rwys 01 and 06. Rwy 01–19 edges marked with red cones all seasons exc winter. Rwy 06–24 edges marked with red cones all seasons exc winter. Acft parked/hangared on non–arpt land. Cross public road to/from arpt.
COMMUNICATIONS: CTAF/UNICOM 122.8

ELIZABETH FLD (See FISHERS ISLAND)

ELLENVILLE

JOSEPH Y RESNICK (N89) 01 NE UTC−5(−4DT) N41°43.67′ W74°22.64′ **NEW YORK**
292 B **FUEL** 100LL NOTAM FILE ISP **L–33B, 34I**

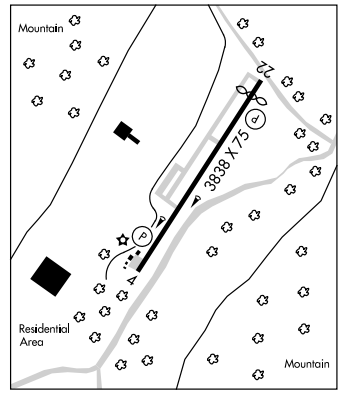
RWY 04–22: H3838X75 (ASPH) MIRL
RWY 04: REIL. PAPI(P2L). Trees.
RWY 22: REIL. PAPI(P2L). Thld dsplcd 300′. Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–3838 TODA–3838 ASDA–3838 LDA–3538
RWY 22: TORA–3838 TODA–3838 ASDA–3838 LDA–3538

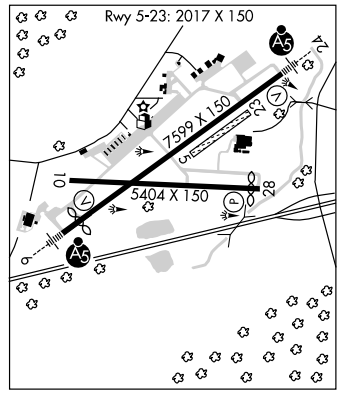
AIRPORT REMARKS: Attended 1300Z‡–dusk. Rwy 04–22 PAEW Mon–Fri 1200–2200Z‡. Deer on and invof arpt. Avoid overflight of hospital and school buildings approximately one mile SW of Rwy 22 and prison approximately ½ mile NE of arpt. Glider activity on and invof arpt. ACTIVATE MIRL Rwy 04–22—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 132.75

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93′ W73°49.33′ 291° 25.2 NM to fld. 580/12W. **HIWAS.**



ELMIRA/CORNING RGNL (ELM) 6 NW UTC−5(−4DT) N42°09.59′ W76°53.50′ **NEW YORK**
954 B S4 **FUEL** 100LL, JET A OX 4 TPA–2099(1145) ARFF Index–See Remarks **H–10H, 12J, L–30J, 32F**
NOTAM FILE ELM **IAP, AD**



RWY 06–24: H7599X150 (ASPH–GRVD) S–80, D–121, ST–154, DT–200 HIRL
RWY 06: MALSR. VASI(V4L)—GA 3.0°TCH 51′. Thld dsplcd 600′. Tree.
RWY 24: MALSR. VASI(V4L)—GA 3.0°TCH 52′. Tree.
RWY 10–28: H5404X150 (ASPH–GRVD) S–57, D–90, ST–114, DT–150 MIRL
RWY 28: PAPI(P4L)—GA 3.0° TCH 40′. Thld dsplcd 400′.
RWY 05–23: 2017X150 (TURF)

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 24	10–28	4750
RWY 28	06–24	3050

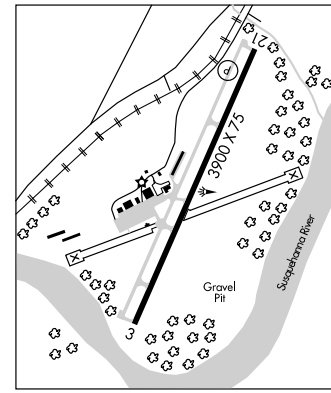
RUNWAY DECLARED DISTANCE INFORMATION

RWY 05:	TORA–2017	TODA–2017	ASDA–2017	LDA–2017
RWY 06:	TORA–7599	TODA–7599	ASDA–7599	LDA–6999
RWY 10:	TORA–5404	TODA–5404	ASDA–5004	LDA–5004
RWY 23:	TORA–2017	TODA–2017	ASDA–2017	LDA–2017
RWY 24:	TORA–7599	TODA–7599	ASDA–7599	LDA–7599
RWY 28:	TORA–5404	TODA–5404	ASDA–5404	LDA–5004

AIRPORT REMARKS: Attended continuously. Extensive glider activity on and invof arpt. Birds and deer on and invof arpt. Blimp activity req PPR, ctc arpt manager at 607–426–5622. Class I, ARFF Index B. ARFF index C equipment coverage is avbl upon request ctc arpt management at 607–426–5622. Acft with wing spans greater than 93 ft should use extreme care when taxiing on Twy A adjacent to ramps. Rwy 05–23 (SE of Rwy 06–24) unmarked seasonal use TURF rwy CLOSED 1 Dec through 30 Apr. For land side access from apron when FBO clsd ctc ELM arpt attendant at 607–426–5621. Rwy 05–23 marked with asph L corner markers. Winter de-icing on Glycol Ramp only. When twr clsd ACTIVATE HIRL Rwy 06–24; MALSR Rwy 06 and Rwy 24; twy lgts Twy A and Twy C north of Rwy 06–24—CTAF, for MIRL Rwy 10–28 and all other twy lgts call 607–426–5621. Ldg fee for all non based acft.
WEATHER DATA SOURCES: ASOS (607) 796–0065.
COMMUNICATIONS: CTAF 121.1 **ATIS** 125.475 **UNICOM** 122.95
RCO 122.4 122.2 (BUFFALO RADIO)
Ⓡ **ELMIRA APP/DEP CON** 118.15 119.45 (1100–0500Z‡)
Ⓡ **NEW YORK CENTER APP/DEP CON** 133.35 (0500–1100Z‡)
ELMIRA TOWER 121.1 (1100–0500Z‡) **GND CON** 121.9 **CLNC DEL** 121.9
AIRSPACE: CLASS D svc 1100–0500Z‡ other times CLASS E. **TRSA** svc ctc **APP CON** (within 15 NM).
RADIO AIDS TO NAVIGATION: NOTAM FILE ELM.
(L) VOR/DME 109.65 ULW Chan 33(Y) N42°05.65′ W77°01.49′ 068° 7.1 NM to fld. 1620/12W.
ALPINE NDB (MHW) 245 ALP N42°14.32′ W76°45.84′ 242° 7.4 NM to fld.
ILS 109.1 I–ELM Rwy 24. Class IE. ILS unmonitored when twr clsd.
ILS 109.1 I–UEK Rwy 06. Class IT. ILS unmonitored when twr clsd.
COMM/NAV/WEATHER REMARKS: When ELM twr clsd, clnc del/cancellations avbl thru RCO 122.2/122.4 or call Buffalo AFSS 1–800–WX–BRIEF.

ENDICOTT

TRI–CITIES (CZG) 3 SW UTC−5(−4DT) N42°04.71′ W76°05.78′ **NEW YORK**
833 B **FUEL** 100LL, JET A, A1+ NOTAM FILE CZG **L–30J**
RWY 03–21: H3900X75 (ASPH) S–30 MIRL **IAP**
RWY 03: REIL. Road.
RWY 21: REIL. PAPI(P2R)—GA 4.0° TCH 40′. Trees.
AIRPORT REMARKS: Attended 1500–2100Z‡. High terrain all quadrants. PAEW AER 21. Rwy 21 safety area has surface variations/depressions. Grvl access road for glider area crosses Rwy 03 apch. Rotating bcn obscured N and W of arpt due to high terrain. Extensive glider activity. REIL Rwy 03 OTS indef. REIL Rwy 21 OTS indef. ACTIVATE MIRL Rwy 03–21 and REIL Rwy 21—CTAF.
WEATHER DATA SOURCES: AWOS–3 119.075 (607) 785–2926.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **BINGHAMTON APP/DEP CON** 118.6 (1100–0500Z‡) **CLNC DEL** 121.7
Ⓡ **NEW YORK CENTER APP/DEP CON** 133.35 (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
BINGHAMTON (L) VORTAC 112.2 CFB. Chan 59 N42°09.45′ W76°08.19′ 169° 5.1 NM to fld. 1583/10W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

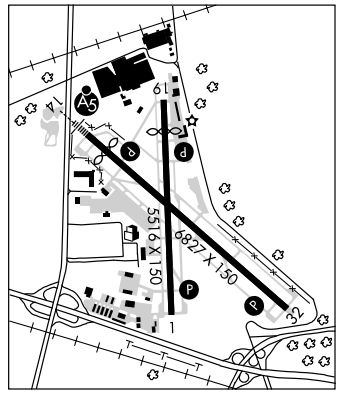


EVERS SPB (See NEW YORK)

FALLN N43°17.25′ W76°18.28′
NDB (LOM) 220 FZ 329° 5.3 NM to Oswego Co.

FARMINGDALE

REPUBLIC (FRG) 1 E UTC−5(−4DT) N40°43.73′ W73°24.81′ **NEW YORK**
82 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks **COPTER**
LRA Class IV, ARFF Index A. NOTAM FILE FRG **H–10I, 12J, L–33B, 34H**
RWY 14–32: H6827X150 (ASPH–GRVD) S–45, D–60 HIRL **IAP, AD**
RWY 14: MALSR. PAPI(P4L)—GA 3.0° TCH 50′. Thld dsplcd 660′. Pole.
RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 53′. Road. Rgt tfc.
RWY 01–19: H5516X150 (ASPH–GRVD) S–45, D–60 MIRL
0.3% up N
RWY 01: REIL. PAPI(P4R)—GA, 3.0° TCH 35′. Pole. Rgt tfc.
RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 39′. Thld dsplcd 789′. Building.



LAND AND HOLD SHORT OPERATIONS

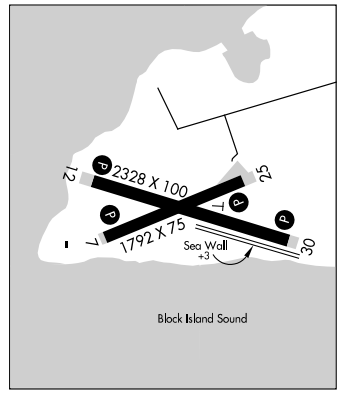
LANDING	HOLD SHORT POINT	DIST AVBL
RWY 32	01–19	3650′

AIRPORT REMARKS: Attended continuously. Birds invof arpt. Voluntary noise abatement procedures in effect for fixed wing and helicopter. Ctc arpt management 631–752–7707 ext 6108. Rwy 01–19 hold lines located 125′ from the rwy centerline. Acft with wingspan 79′ or larger are advised to taxi or back–taxi on rwys. Twys may not provide adequate width, turning radius, and or separation from obstructions. Acft with wingspan of 79′ or larger are advised that clearance distances may not be adequate for tkf on Rwy 01–19 when acft are on Twy B or Twy G between Twys G4 and D and are restricted on Twy A between Twys A between Twys A1 and A2. Jet maintenance run ups permitted only in the Twy A6, Twy D, Twy F, and Twy G holding bays. TPA–1182(1100) conventional, 1682(1600) Turbo. When twr clsd ACTIVATE HIRL Rwy 14–32; MIRL Rwy 01–19; MALSR Rwy 14; REILs Rwys 01, 19, and 32; PAPI Rwys 01, 19, 14, and 32; twy lgts—CTAF. Ldg fee for all acft except military and government.
WEATHER DATA SOURCES: ASOS (631) 752–8129. LAWRS.
COMMUNICATIONS: CTAF 118.8 **ATIS** 126.65 **UNICOM** 122.95
Ⓡ **NEW YORK APP CON** 127.4 134.35 132.4 123.7 118.4 Ⓡ**NEW YORK DEP CON** 125.7 134.35 123.7
TOWER 118.8 125.2 (1200–0400Z‡) **GND CON** 121.6 **CLNC DEL** 128.25
AIRSPACE: CLASS D svc 1200–0400Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
DEER PARK (L) VORW/DME 117.7 DPK Chan 124 N40°47.51′ W73°18.22′ 245° 6.3 NM to fld. 117/12W.
BABYLON NDB (HW) 275 BBN N40°40.35′ W73°23.06′ 353° 3.6 NM to fld. NDB unusable beyond 15 NM. NOTAM FILE FRG.
FRIKK NDB (LOM) 407 FR N40°46.59′ W73°28.95′ 146° 4.3 NM to fld.
ILS 111.9 I–FRG Rwy 14. Class IE. LOM FRIKK NDB.

FINGER LAKES RGNL (See SENECA FALLS)

FISHERS ISLAND

ELIZABETH FLD (ØB8) 8 SE UTC−5(−4DT) N41°15.08′ W72°01.90′ **NEW YORK**
9 NOTAM FILE BDR **L–33C, 34I**
RWY 12–30: H2328X100 (ASPH) MIRL **IAP**
RWY 12: REIL. PAPI(P2L)—GA 3.0° TCH 21′.
RWY 30: REIL. PAPI(P2R)—GA 3.0° TCH 20′. Rock seawall.
RWY 07–25: H1792X75 (ASPH) MIRL
RWY 07: REIL. PAPI(P2L)—GA 3.75° TCH 24′. Bunker.
RWY 25: REIL. PAPI(P2L)—GA 3.0° TCH 20′. Hill.
AIRPORT REMARKS: Attended May–Oct Sun 1500–0100Z‡, Mon, Tues, Wed, Thu and Sat 1300–2130Z‡, Fri 1300–0100Z‡. Unattended Nov–Apr. Airport located 7.0 NM SE of New London CT. MIRL Rwy 07–25 OTS indef. Rwy 07 REIL OTS indef. Rwy 25 REIL OTS indef. Rwy 12 PAPI OTS indef. Rwy 30 PAPI OTS indef. ACTIVATE MIRL Rwys 07–25 and 12–30; PAPI Rwys 07 and 25 and 12 and 30—CTAF. Ldg fee.
COMMUNICATIONS: CTAF/UNICOM 122.8
GROTON RCO 122.15R 110.85R (BRIGEPORT RADIO)
Ⓡ **PROVIDENCE APP/DEP CON** 125.75 (1045–0500Z‡)
BOSTON CENTER APP/DEP CON 124.85 (0500–1045Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE GON.
GROTON (T) VOR/DME 110.85 GON Chan 45(Y) N41°19.82′ W72°03.12′ 183° 4.8 NM to fld. 20/14 W.



FLOYD BENNETT MEMORIAL (See GLEN FALLS)

FORT DRUM (See WHEELER SACK AAF)

FRANCIS S GABRESKI (See WESTHAMPTON BEACH)

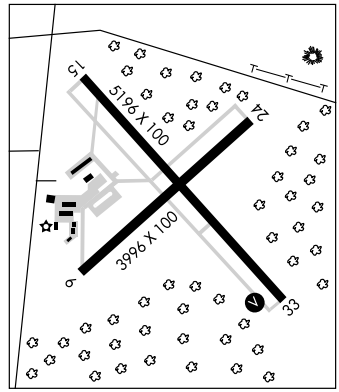
FRANKFORT–HIGHLAND (See UTICA/FRANKFORT)

FREEHOLD (1I5) 1 NW UTC−5(−4DT) N42°21.86′ W74°03.96′ **NEW YORK**
440 S2 NOTAM FILE BTV
RWY 12–30: H2275X22 (ASPH–AFSC)
RWY 12: Tree. **RWY 30:** Trees.
AIRPORT REMARKS: Attended Apr–Dec 1400Z‡–dusk. Extensive glider activity, especially on weekends. PPR for ldg until 01 Apr snow on rwy. Rgt tfc for gliders Rwy 12 only. Rwy 12–30 100 ft by 2640 ft turf rwy adjacent to paved rwy (S edge) beginning at 735′ from Rwy 30 thld.
COMMUNICATIONS: CTAF 122.85

FRIKK N40°46.59′ W73°28.95′ NOTAM FILE FRG.
NDB (LOM) 407 FR 146° 4.3 NM to Republic.

FULTON

OSWEGO CO (FZY) 3 NE UTC−5(−4DT) N43°21.05′ W76°23.28′ **NEW YORK**
475 B S4 **FUEL** 100LL, JET A NOTAM FILE BUF **H–11C, 12J, L–32F**
RWY 15–33: H5196X100 (ASPH–GRVD) S–30 MIRL (NSTD) 0.6% up SE **IAP**
RWY 15: REIL. Trees.
RWY 33: REIL. VASI(V2L)—GA 3.25° TCH 42′. Fence.
RWY 06–24: H3996X100 (ASPH–GRVD) S–30 MIRL 0.3% up NE
RWY 06: Trees. **RWY 24:** Methane pipe.
AIRPORT REMARKS: Attended 1300–2200Z‡. Rwy 06 ditches 15′ wide 65′ from centerline both sides in safety area 110′ from thld. Rwy 15–33 NSTD MIRL; Rwy 33 no split lenses on last 2000′ of rwy. ACTIVATE MIRL Rwy 06–24 and REILS Rwy 15–33—CTAF. MIRL Rwy 15–33 and VASI Rwy 33 preset low ints sunset–sunrise, to increase ints ACTIVATE—CTAF. No touch and go ldg or practice low apch 0300–1300Z‡ daily.
WEATHER DATA SOURCES: ASOS 119.275 (315) 598–8773.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **SYRACUSE APP/DEP CON** 134.275
RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.
SYRACUSE (H) VORTACW 117.0 SYR Chan 117 N43°09.63′ W76°12.27′ 336° 14 NM to fld. 415/11W. **HIWAS.**
FALLN NDB (LOM) 220 FZ N43°17.25′ W76°18.28′ 329° 5.3 NM to fld.
ILS/DME 110.9 I–FZY Chan 46 Rwy 33. LOM FALLN NDB.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



FULTON CO (See JOHNSTOWN)

GALLUPVILLE

BLUE HERON (N25) 3 NE UTC−5(−4DT) N42°41.84′ W74°11.97′ **NEW YORK**
1200 NOTAM FILE BTV
RWY 09–27: 2600X70 (TURF)
RWY 27: Trees.
AIRPORT REMARKS: Attended Apr–Oct.
COMMUNICATIONS: CTAF 122.9

GANSE N43°15.31′ W73°36.35′ NOTAM FILE GFL.
NDB (LOM) 209 GF 013° 5.2 NM to Floyd Bennett Memorial.

GANSEVOORT

HEBER AIRPARK (K3Ø) 2 SE UTC−5(−4DT) N43°11.00′ W73°37.99′ **NEW YORK**
230 NOTAM FILE BTV
RWY 06–24: H2200X24 (ASPH) MIRL (NSTD)
RWY 06: Thld dsplcd 200′. Road. Rgt tfc. **RWY 24:** Trees.
AIRPORT REMARKS: Unattended. Birds and wildlife on and invof arpt. 25′ dropoff 10′ from Rwy 24 thld. Rwy 24 uphill grade exceeds 2% up. Light colored full width concrete pavement section 144′ from Rwy 24 thld, 20′ long. Golf course adjacent to rwy both sides. ACTIVATE NSTD MIRL Rwy 06–24—CTAF. Rwy 06–24 NSTD MIRL due to spacing, 33′ from rwy edge on 3′ wood posts. Rwy 06–24 nstd dsplcd thld; no bar.
COMMUNICATIONS: CTAF 122.9

GARNSEYS (See SCHUYLERVILLE)

GASPORT

ROYALTON (9G5) 1 SE UTC−5(−4DT) N43°10.92′ W78°33.47′ **DETROIT**
628 **FUEL** 100, MOGAS NOTAM FILE BUF
RWY 07–25: H2530X35 (ASPH) MIRL
RWY 07: Pole. **RWY 25:** Thld dsplcd 300′. Tree.
AIRPORT REMARKS: Attended 1400–2300Z‡. Ultralgts on and invof arpt. ACTIVATE MIRL Rwy 07–25—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

GENESEE CO (See BATAVIA)

GENESEO N42°50.06′ W77°43.97′ NOTAM FILE BUF. DETROIT
(L) VOR/DME 108.2 GEE Chan 19 018°17.6 NM to Greater Rochester Intl. H–10H, 11C, 12J, L–31E, 32F
990/09W
VOR portion unusable:
140°–155° byd 30 NM blo 5000′
208°–224° byd 29 NM blo 5000′
225°–230°
231°–245° byd 29 NM blo 5000′
DME unusable:
115°–120° byd 29 NM blo 4000′
RCO 122.1R (BUFFALO RADIO)

GENESEO (D52) 1 W UTC−5(−4DT) N42°47.92′ W77°50.55′ DETROIT
560 TPA—1960(1400) NOTAM FILE BUF
RWY 05–23: 4695X90 (TURF)
RWY 05: Tree. **RWY 23:** Trees. Rgt tfc.
AIRPORT REMARKS: Attended Apr–Sep 1500–2100Z‡; Oct–Mar, Mon, Wed, Fri 1500–2100Z‡. Attendance requests for other than scheduled times call 585–243–2100. 40 ft p–line in apch to Rwy 05. Rwy 05–23 ends are not clearly marked. Rwy 05 end marked with white paint at edges and orange cones. Rwy 23 end marked with white paint at edges. Large acft be alert for ruts in AER 23. Turf soft and wet for first 1000 ft from thld of Rwy 23 during Oct–May.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

GEORGETOWN N42°47.34′ W75°49.61′ NOTAM FILE BUF. NEW YORK
(L) VORTAC 117.8 GGT Chan 125 085° 12.2 NM to Hamilton Muni. 2040/11W L–32F
VOR portion unusable 105°–279° blo 4000′.
RCO 122.1R 117.8T (BUFFALO RADIO)

GHENT

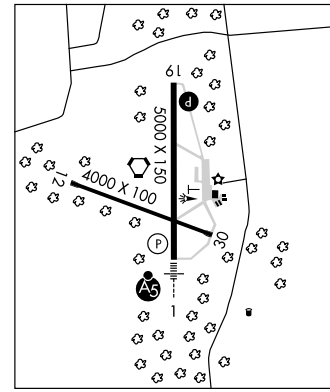
KLINE KILL (NY1) 2 N UTC−5(−4DT) N42°21.01′ W73°38.22′ NEW YORK
380 S4 NOTAM FILE BTV
RWY 01–19: 4000X75 (TURF)
RWY 01: Trees. **RWY 19:** Road.
AIRPORT REMARKS: Unattended. Unmarked turf area adjacent to rwy may be used for twy on north and south ends. Turf grades near south paved apron unsuitable for acft movement.
COMMUNICATIONS: CTAF 122.9

GIERMEK EXECUTIVE (See OLEAN)

GLENS FALLS N43°20.50′ W73°36.71′ NOTAM FILE GFL. NEW YORK
(L) VORTAC 110.2 GFL Chan 39 at Floyd Bennett Memorial. 319/14W. H–11C, 12J, L–32G
VOR portion unusable:
300°–001° blo 10,000′
002°–009° blo 11,000′
010°–020° byd 30 NM
021°–090° blo 10,000′
160°–170° byd 30 NM
199°–203° blo 10,000′.
270°–299° blo 10,000′
DME portion unusable blo 9000′.
RCO 122.1R 110.2T (BURLINGTON RADIO)
RCO 122.4 122.2 (BURLINGTON RADIO)

GLENS FALLS

FLOYD BENNETT MEMORIAL (GFL) 3 NE UTC−5(−4DT) N43°20.47′ W73°36.62′ **NEW YORK**
328 B S4 **FUEL** 100LL, JET A TPA—1128(800) LRA Class IV, ARFF Index Ltd. **H–11C, 12J, L–32G**
NOTAM FILE GFL **IAP**



RWY 01–19: H5000X150 (ASPH–GRVD) S–80, D–110, ST–117, DT–180 HIRL
RWY 01: MALSR. PAPI (P4L)—GA 3.0° TCH 53′. Tree.
RWY 19: PAPI(P4L)—GA 3.0° TCH 50′. Tree.
RWY 12–30: H4000X100 (ASPH) S–39, D–53, DT–76 MIRL
RWY 12: Tree. **RWY 30:** Tree.
AIRPORT REMARKS: Attended May–Sep 1200–0000Z‡, Oct–Apr 1300–2300Z‡. Fueling avbl after hrs by pre–arrangement, call 518–798–3091. Birds and deer on and invof arpt. Ultralight activity on and invof arpt. Ultralight acft use 500′ AGL left tfc for all rwys. Four obstruction lgt poles 1½ mile to 1¾ mile N of Rwy 19. Rwy 01 designated as calm wind rwy. Rwys 12 and 19 approaches obscured from one another due to high ground. Rwy 01 practice instrument apchs prohibited in VFR conditions when Rwy 19 is the active rwy. PPR 48 hrs for air carrier ops with more than 30 passenger seats call arpt manager 518–792–5995. Grass cutting equipment ops adjacent to all operational surfaces dalgt hours May thru Oct. During periods of snow removal ops Nov 1–Apr 1 acft must ctc arpt on frequency 123.0 10 minutes prior to ldg. Rwy conditions may not be monitored or reported when the arpt is unattended. ACTIVATE HIRL Rwy 01–19, MIRL Rwy 12–30, MALSR Rwy 01, PAPI Rwy 19 and twy lgts—CTAF.
WEATHER DATA SOURCES: ASOS 119.925 (518) 743–1728.
COMMUNICATIONS: CTAF/UNICOM 123.0
GLENS FALLS RCO 122.1R 110.2T (BURLINGTON RADIO) **GLENS FALLS RCO** 122.4 122.2 (BURLINGTON RADIO)
Ⓡ **ALBANY APP/DEP CON** 132.825
RADIO AIDS TO NAVIGATION: NOTAM FILE GFL.
GLENS FALLS (L) VORTAC 110.2 GFL Chan 39 N43°20.50′ W73°36.71′ at fld. 319/14W.
GANSE NDB (LOM) 209 GF N43°15.31′ W73°36.35′ 013° 5.2 NM to fld.
ILS 110.7 I–GFL Rwy 01. Class IT. LOM GANSE NDB.

GORHAM

MIDLAKES (92G) 3 W UTC−5(−4DT) N42°48.75′ W77°12.23′ **NEW YORK**
1080 S2 NOTAM FILE BUF
RWY 14–32: 1820X55 (TURF)
RWY 14: Bush. **RWY 32:** Road.
AIRPORT REMARKS: Attended irregularly. Rwy 14–32 soft and wet during Mar–Jun. Rwy 32 +80′ trees 735′ from thld +80′ left and right of centerline. Rwy 14 has 60′ grass safety area.
COMMUNICATIONS: CTAF/UNICOM 122.8.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

GOWANDA (D59) 3 N UTC−5(−4DT) N42°30.24′ W78°57.04′ **DETROIT**
830 **FUEL** 80, 100 NOTAM FILE BUF
RWY 09–27: 3430X100 (TURF) LIRL (NSTD)
RWY 09: REIL. Trees. Rgt tfc. **RWY 27:** Thld dsplcd 1132′. Cranes. Rgt tfc.
AIRPORT REMARKS: Unattended. Rwy 09–27 soft and wet Mar–Jun. Truck traffic near Rwy 27. Rwy 09–27 dirt road crosses rwy at approximately mid point of rwy. Rwy 27, 77′ high conveyor belt/crane and dirt pile, 170′ from AER, 91′ left. Rwy 09–27 NSTD LIRL; dsplcd portion of rwy has blue lgts. Rwy 09–27 dsplcd thld several lgts knocked down by farm equipment, bulbs missing. No lights on first 200 ft of Rwy 27. Bulbs missing from REILS. For rwy lights key 121.65.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

GRANVILLE (BØ1) 1 N UTC−5(−4DT) N43°25.37′ W73°16.09′ **NEW YORK**
420 S3 NOTAM FILE BTV
RWY 16–34: H2500X36 (ASPH) S–8 LIRL
RWY 16: Tree. **RWY 34:** Trees.
AIRPORT REMARKS: Attended daylight hours. For rwy lights phone 518–642–1380. Rwy 34 south 1800′ wavy, rippled, vegetation through cracks, loose rocks on rwy. Sections of Rwy 16–34 width varies 36–46′. Rwy 16–34 LIRL OTS indef.
COMMUNICATIONS: CTAF 122.9

GREATER ROCHESTER INTL (See ROCHESTER)

GREAT VALLEY (N56) 1 SE UTC−5(−4DT) N42°12.30′ W78°38.84′ **DETROIT**
1450 NOTAM FILE BUF
RWY 06–24: 3800X60 (TURF) LIRL (NSTD)
RWY 06: Tree. **RWY 24:** Tree.
AIRPORT REMARKS: Attended dalgt hours. During winter months call 716–945–5106 for rwy conditions. Rwy 06 +33′ tree, 217′ from rwy end, 30′ left; +81′ tree, 227′ from rwy end, 227′ left of centerline. Rwy 24 +79′ tree, 108′ from rwy end, 231′ left of centerline; +40′ building, 405′ from rwy end on centerline. ACTIVATE LIRL Rwy 06–24—CTAF. Rwy 06–24 LIRL NSTD due to spacing; thld lgts not red/green.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

GREATER BINGHAMTON/EDWIN A LINK FLD (See BINGHAMTON)

GREEN ACRES (See LIVINGSTON)

GREENE (4N7) 2 SW UTC−5(−4DT) N42°18.25′ W75°47.23′ **NEW YORK**
935 S4 NOTAM FILE BUF
RWY 07–25: 2665X200 (TURF) LIRL
RWY 07: Pole. **RWY 25:** Tree.
AIRPORT REMARKS: Attended dalgt hours. Deer and geese on and invof arpt. During winter check FSS for NOTAMs. ACTIVATE LIRL Rwy 07–25—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

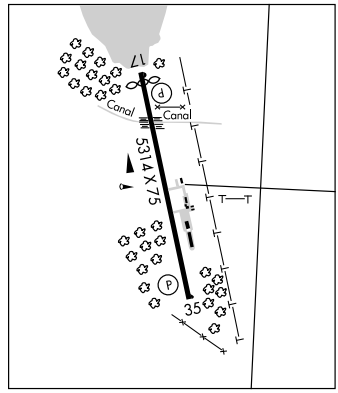
GREENVILLE–RAINBOW (1H4) 1 E UTC−5(−4DT) N42°25.00′ W74°00.97′ **NEW YORK**
840 NOTAM FILE BTV
RWY 17–35: 1801X75 (TURF)
RWY 17: Thld dsplcd 112′. Trees. **RWY 35:** Trees.
AIRPORT REMARKS: Attended May–Nov. dalgt hrs. Arpt CLOSED Dec. 1–Apr 1. Rwy 17–35 may be clsd after rains due to wetness. Rwy 17–35 soft and wet during Mar–Jun. +30′ p–line parallel to and 150′ west of rwy centerline. Rwy 35 edges and thld marked by white boards. Rwy 17 edges and dsplcd thld marked by white boards, end of usable rwy not marked and is 112′ north of white thld markers.
COMMUNICATIONS: CTAF/UNICOM 122.8

GRIFFISS INTL (See ROME)

HAMBURG

HAMBURG INC (4G2) 4 W UTC−5(−4DT) N42°42.05′ W78°54.89′ **DETROIT**
751 **FUEL** 100 NOTAM FILE BUF **L–30H, 31E**
RWY 01–19: H2465X30 (ASPH) LIRL (NSTD)
RWY 01: Thld dspld 462′. Trees. **RWY 19:** Thld dsplcd 456′. Road.
AIRPORT REMARKS: Unattended. Self serve fuel. Ultralgt acft on and invof arpt. Rwy 01–19 NSTD LIRL due to placement. Rwy lgts on timer and can also be lighted by CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74′ W78°38.78′ 229° 18.1 NM to fld. 730/08W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

HAMILTON MUNI (VGC) 1 NE UTC−5(−4DT) N42°50.61′ W75°33.67′ **NEW YORK**
1137 **FUEL** 100LL, JET A TPA—2103(966) NOTAM FILE BUF **H–10I, 11C, 12J, L–32F**
RWY 17–35: H5314X75 (ASPH) S–20 MIRL **IAP**
RWY 17: REIL. PAPI(P2L)—GA 3.0° TCH 30. Thld dsplcd 300′. Trees.
RWY 35: REIL. PAPI(P2L)—GA 4.0° TCH 40′. Brush.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 17: TORA–5314 TODA–5314 ASDA–5314 LDA–5014
RWY 35: TORA–5314 TODA–5314 ASDA–5014 LDA–5014
AIRPORT REMARKS: Attended 1400–2200Z‡. After hrs fuel avbl by appointment for a fee ctc arpt mgr. Maintenance shop airframe/powerplant and inspection authorization avbl Mon–Fri 1400–2200Z‡. Deer on and invof Rwy 17–35. Ultralgts on and invof arpt. Windmills north of Rwy 35. Taxi svc and car rental avbl. Noise abatement procedures in effect; all acft dep maintain rwy heading until 2100 ft MSL before making turn out. ACTIVATE MIRL Rwy 17–35, and REIL Rwy 17 and Rwy 35–122.7.
WEATHER DATA SOURCES: AWOS–3 119.425 (315) 824–1825.
COMMUNICATIONS: CTAF/UNICOM 123.0
GEORGETOWN RCO 122.1R 117.8T (BUFFALO RADIO)
Ⓡ **SYRACUSE APP/DEP CON** 126.125
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
GEORGETOWN (L) VORTAC 117.8 GGT Chan 125 N42°47.34′ W75°49.61′ 085° 12.2 NM to fld. 2040/11W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



HAMPTON N40°55.14′ W72°19.00′ NOTAM FILE ISP. **NEW YORK**
(H) VORTAC 113.6 HTO Chan 83 063° 3.8 NM to East Hampton. 22/13W. **HIWAS.** **COPTER**
DME portion unusable **H–10I, 12J, L–33C, 34I**
280°–325° byd 35 NM blo 1700′ 325°–355° byd 30 NM blo 2000′
VOR portion unusable 221°–231° blo 6000′
RCO 122.6 122.1R 113.6T (NEW YORK RADIO)

HANCOCK N42°03.78′ W75°18.98′ NOTAM FILE BUF. **NEW YORK**
(H) VOR/DME 116.8 HNK Chan 115 354° 15 NM to Sidney Muni. 2070/11W. **HIWAS.** **H–10I, 11C, 12J, L–30K, 33A**
RCO 122.1R 116.8T (BUFFALO RADIO)

HAVERSTRAW HELIPORT (H43) 1 E UTC−5(−4DT) N41°12.66′ W73°58.16′ **NEW YORK**
12 **FUEL** JET A NOTAM FILE ISP
HELIPAD H1: H50X50 (ASPH)
H1: Bldg.
HELIPORT REMARKS: Attended 1200–0000Z‡. For svc after hrs call 914–429–1200. Helipad H1 350 ft towers 800 ft N of helipad. Helicopters descend to point on turf area west of pavement and taxi to paved location. Noise abatement; avoid residential area W of heliport. Helipad H1 floodlights. For floodlights call 914–429–1200.
COMMUNICATIONS: CTAF/UNICOM 123.05

HAWKY N42°49.04′ W73°48.51′ NOTAM FILE ALB.
NDB (LOM) 219 AL 089° 4.2 NM to Albany Intl. Unusable 160°–210° byd 10 NM.

HEBER AIRPARK (See GANSEVOORT)

HESTR N41°08.72′ W73°45.99′ NOTAM FILE HPN.
NDB (LOM) 281 HP 162° 5.4 NM to Westchester Co. Unusable beyond 11 NM. Unmonitored when tower clsd.

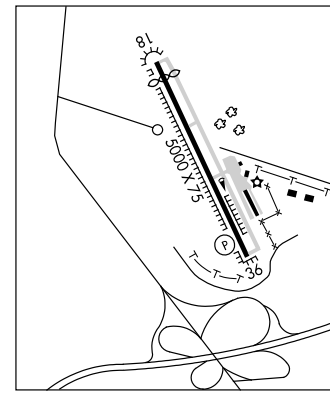
HOLCOMB

CREEKSIDE (D67) 2 NE UTC−5(−4DT) N42°54.97′ W77°22.95′ **DETROIT**
820 NOTAM FILE BUF
RWY 15–33: 1245X25 (ASPH–TRTD)
AIRPORT REMARKS: Attended irregularly. P-lines on W side of arpt entrance road.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

HOLLANDS INTL FLD (See NEWFANE)

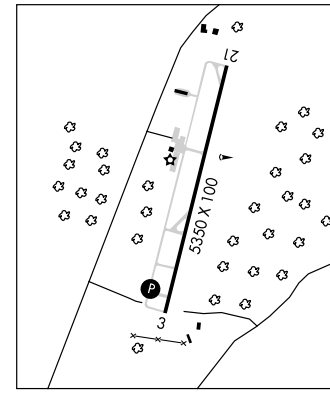
HOPEWELL AIRPARK (See CANANDIGUA)

HORNELL MUNI (4G6) 3 N UTC−5(−4DT) N42°22.93′ W77°40.93′ **DETROIT**
1220 B S4 **FUEL** 100LL, JET A TPA—2220(1000) NOTAM FILE BUF **H–10H, 11C, 12I, L–30I, 31E, 32F**
RWY 18–36: H5000X75 (ASPH–GRVD) MIRL 0.5% up N **IAP**
RWY 18: REIL. Thld dsplcd 500′. Hill.
RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Tree.
AIRPORT REMARKS: Attended 1300Z‡–dusk. ACTIVATE MIRL Rwy 18–36 and REIL Rwy 18–36—CTAF. REIL Rwy 18–36 OTS indef.
WEATHER DATA SOURCES: AWOS–3 118.475 (607) 324–9138.
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEVELAND CENTER APP/DEP CON 124.325
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
WELLSVILLE (L) VORTAC 111.4 ELZ Chan 51 N42°05.38′ W77°59.97′ 048° 22.5 NM to fld. 2296/09W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



HUDSON

COLUMBIA CO (1B1) 4 NE UTC−5(−4DT) N42°17.48′ W73°42.62′ **NEW YORK**
198 B S3 **FUEL** 100, JET A1 + OX 3 LRA NOTAM FILE BTV **H–10I, 11C, 12J, L–33B, 34I**
RWY 03–21: H5350X100 (ASPH–GRVD) S–13 MIRL **IAP**
RWY 03: REIL. PAPI(P4L)—GA 4.0°TCH 44′. Tree.
RWY 21: Trees.
AIRPORT REMARKS: Attended 1200–0200Z‡. ACTIVATE MIRL Rwy 03–21 and PAPI Rwy 03—CTAF.
WEATHER DATA SOURCES: AWOS–3 133.525 (518) 828–2577.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **ALBANY APP/DEP CON** 132.825
RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.
ALBANY (L) VORTAC 115.3 ALB Chan 100 N42°44.84′ W73°48.19′ 184° 27.7 NM to fld. 275/13W.
PHILMONT NDB (MHW) 272 PFH N42°15.19′ W73°43.40′ 027° 2.4 NM to fld. NOTAM FILE BTV.



HUGUENOT N41°24.58′ W74°35.50′ NOTAM FILE ISP. NEW YORK

(H) VOR/DME 116.1 HUO Chan 108 079° 15.9 NM to Orange Co. 1300/11W. H–10I, 12J, L–33A, 34H

VOR unusable:

029°–045° byd 15 NM blo 5000′ 050°–060° byd 10 NM all altitudes

210°–230° byd 20 NM blo 6500′

RCO 122.1R 116.1T (NEW YORK RADIO).

HUNTER N42°51.18′ W73°56.06′ NOTAM FILE SCH. NEW YORK

NDB (MHW) 356 HEU at Schenectady Co. L–32G

ISLIP

LONG ISLAND MAC ARTHUR (ISP) 7 NE UTC−5(−4DT) N40°47.72′ W73°06.01′ NEW YORK

99 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA—1099(1000) COPTER

LRA Class I, ARFF Index B NOTAM FILE ISP H–10I, 12J, L–33B, 34I

RWY 06–24: H7006X150 (ASPH–GRVD) S–100, D–210, ST–175, DT–300 IAP, AD

HIRL CL

RWY 06: MALSR (NSTD). VASI(V4L)—GA 3.0° TCH 51′. Tree.

RWY 24: MALSR. VASI(V4L)—GA 3.0° TCH 52′. Tree. Rgt tfc.

RWY 15R–33L: H5186X150 (ASPH–GRVD) S–100, D–170, ST–175, DT–300 MIRL 0.4% up NW

RWY 15R: VASI(V4L)—GA 3.0° TCH 45′. Pole. Rgt tfc.

RWY 33L: VASI(V4L)—GA 3.2° TCH 60′. Trees.

RWY 10–28: H5034X150 (ASPH) S–32, D–56, DT–92

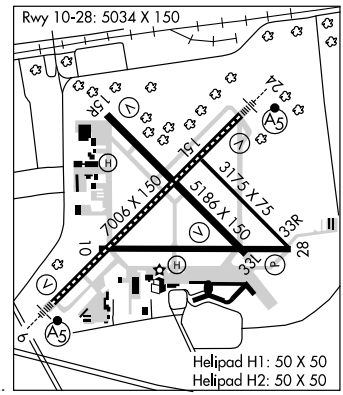
RWY 10: Tree. **RWY 28:** PAPI(P2L)—GA 3.0° TCH 43′. Trees.

RWY 15L–33R: H3175X75 (ASPH) S–25

RWY 15L: Trees. **RWY 33R:** Trees. Rgt tfc.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 06	15R–33L	4200
RWY 10	15R–33L	3000
RWY 15R	10–28	4600
RWY 24	10–28	4600
RWY 28	06–24	4500



AIRPORT REMARKS: Attended continuously. Bird activity on and invof arpt. ADVISORY: Tfc ldg Rwy 33L high density VFR tfc operating 600 ft MSL and blo vicinity Bayport Aerodrome 3 miles SE. Updrafts may be encountered invof power plant 1.5 NM NE Rwy 24. Arpt restricted 0400–1130Z‡ daily for acft indicating over 85 decibel apch and 72 decibel tkf except emergency or mercy flights. Rwy 15L–33R and Rwy 10–28 CLOSED to fixed wing acft at night and avbl for taxiing. Rwy 15L–33R acft 48,000 lbs or less use limited to dalgt taxiing ops only. When twr clsd ACTIVATE MIRL Rwy 15R–33L; twy lgts—CTAF. HIRL Rwy 06–24 preset low ints; to increase ints ACTIVATE—CTAF MALSR Rwy 06 or 24 preset med ints for prevailing wind rwy. Twy S unlgtd E of terminal apron. Rwy 15L NSTD markings, thld bar missing on rwy end. Rwy 33R NSTD markings, thld bar missing on rwy end. Rwy 06 NSTD MALSR: three outermost flasher lgts exceed standard spacing. Rollout rwy visual range Rwy 06 avbl. Touchdown rwy visual range Rwy 06 avbl. Touchdown and rollout rwy visual range Rwy 24 avbl.

WEATHER DATA SOURCES: ASOS (631) 471–0690.

COMMUNICATIONS: CTAF 119.3 **ATIS** 120.725 **UNICOM** 122.95

NEW YORK RCO 122.2 122.6 (NEW YORK RADIO)

Ⓡ **NEW YORK APP/DEP CON** 118.0

LONG ISLAND TOWER 119.3 124.3 (1100–0400Z‡) **GND CON** 135.3 **CLNC DEL** 121.85

AIRSPACE: CLASS C svc 1100–0400Z‡ ctc **APP CON** 118.0 (330°–179°) other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

DEER PARK (L) VORW/DME 117.7 DPK Chan 124 N40°47.51′ W73°18.22′ 101° 9.3 NM to fld. 117/12W.

LOKKS NDB (LOM) 366 IS N40°43.74′ W73°11.41′ 060° 5.7 NM to fld. Unmonitored.

ILS 108.3 I–RXN Rwy 24. Class IA. ILS unmonitored when twr clsd.

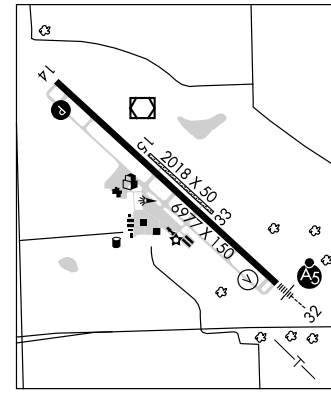
ILS 108.3 I–ISP Rwy 06. Class IE. LOM LOKKS NDB. ILS unmonitored when twr clsd. LOC unusable byd 20° left of course. GS unusable blo 420′.

HELIPAD H1: H50X50 (ASPH)

HELIPAD H2: H50X50 (ASPH)

HELIPORT REMARKS: Helipad H1 located on Twy W south of the intersection of Twy B. Helipad H2 located on Twy C between Rwy 10–28 and Twy S.

ITHACA TOMPKINS RGNL (ITH) 3 NE UTC−5(−4DT) N42°29.48′ W76°27.52′ **NEW YORK**
1099 B S4 **FUEL** 100LL, JET A Class I, ARFF Index B NOTAM FILE ITH **H–10H, 11C, 12J, L–30J, 32F**
RWY 14–32: H6977X150 (ASPH–GRVD) S–71, D–90, ST–114, DT–140 HIRL 0.3% up SE **IAP, AD**
RWY 14: PAPI(P4R)—GA 3.0° TCH 50′.
RWY 32: MALSR. VASI(V4L)—GA 3.2° TCH 53′. Trees.
RWY 15–33: 2018X50 (TURF) 0.3% up SE
RWY 15: Road. **RWY 33:** Antenna.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 14: TORA–6976 TODA—6976 ASDA–6601 LDA—6601
RWY 32: TORA–6976 TODA—6796 ASDA—6601 LDA—6601
AIRPORT REMARKS: Attended 1030–0500Z‡. FBO avbl 1100–0200Z‡, for FBO svcs ctc 131.6. For FBO svcs after hrs call 607–279–0392 or 800–876–1551. Rwy 15–33 CLOSED ngts, winter months, and after heavy rain. Deer and flocks of birds on and invof arpt. PPR 24 hrs for unscheduled air carrier ops, call arpt manager 607–257–6666. ARFF avbl 1030–0500Z‡ and/or 15 min prior to or 15 min after scheduled air carrier ops. Twy G clsd indef. Rwy 15–33 thlds marked with lime, edges marked with reflectors. When twr clsd ACTIVATE HIRL Rwy 14–32, twy lgts and MALSR Rwy 32 and PAPI Rwy 14—CTAF. Ldg fee for transient acft.

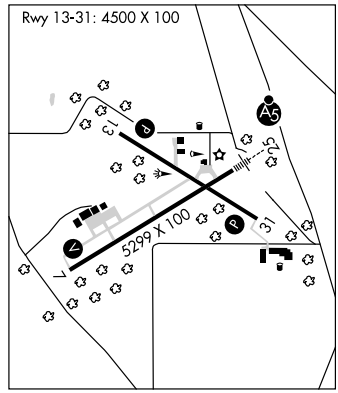


WEATHER DATA SOURCES: ASOS 125.175 (607) 257–2390.
COMMUNICATIONS: CTAF 119.6 **ATIS** 125.175 **UNICOM** 122.95
RCO 122.1R 111.8T (BUFFALO RADIO)
Ⓡ **ELMIRA APP/DEP CON** 124.3 (1100–0500Z‡)
Ⓡ **NEW YORK CENTER APP/DEP CON** 133.35 (0500–1100Z‡)
TOWER 119.6 (1130–0300Z‡) **GND CON** 121.8
AIRSPACE: CLASS D svc 1130–0300Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.
(L) VOR/DME 111.8 ITH Chan 55 N42°29.70′ W76°27.60′ at fld. 1102/10W.
VOR unusable:
060°–080° byd 28 NM blo 2500′ 081°–150° byd 10 NM blo 3800′
360°–059° byd 10 NM blo 3800′
DME unusable 360°–160° byd 20 NM blo 6500′
VRNAH NDB (LOM) 266 IT N42°25.80′ W76°22.08′ 324° 5.5 NM to fld. Unusable beyond 10 NM.
ILS 108.7 I–ITH Rwy 32. Class IB. LOM VRNAH NDB (ILS unmonitored when twr clsd.) LOM unusable beyond 10 NM. LOC unusable abv 1700′ at thld and abv 3900′ byd 4.9 NM.
COMM/NAV/WEATHER REMARKS: When Ithaca twr clsd, clnc del/cancellations avbl thru Elmira apch 124.3. During hrs Elm apch clsd, clnc del/cancellations avbl thru Flight Services on Ithaca VOR 122.1R 111.8T and 1–888–766–8267.

JAMESTOWN N42°11.32′ W79°07.28′ NOTAM FILE JHW. **DETROIT**
(H) VOR/DME 114.7 JHW Chan 94 258° 6.1 NM to Chautaqua Co./Jamestown. 1790/07W. **H–10H, L–30H**
RCO 122.1R 114.7T (BUFFALO RADIO)

JAMESTOWN

CHAUTAUQUA CO/JAMESTOWN (JHW) 3 N UTC−5(−4DT) N42°09.20′ W79°15.48′ **DETROIT**
1723 B S4 **FUEL** 100LL, JET A Class I, ARFF Index A NOTAM FILE JHW **H–10H, L–30H**
RWY 07–25: H5299X100 (ASPH–GRVD) S–50, D–75, DT–125 HIRL **IAP**
RWY 07: VASI(V4L)—GA 3.0° TCH 52′. Antenna.
RWY 25: MALSR.
RWY 13–31: H4500X100 (ASPH) S–15, D–30 MIRL 0.4% up NW
RWY 13: PAPI(P4L)—GA 3.0° TCH 45′. Tree.
RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 51′. Building.
AIRPORT REMARKS: Attended Sun–Fri 1100–0200Z‡, Sat 1100–1900Z‡. Deer and birds on and invof arpt. No snow removal avbl 0200–1100Z‡. Mid Nov–1 Apr ops avbl Sat 1100–2200Z‡. PPR for services after hrs, call arpt manager 716–484–0204 or FBO at 716–665–4800. ACTIVATE HIRL Rwy 07–25, MIRL Rwy 13–31, VASI Rwy 07, PAPI Rwy 13 and Rwy 31, MALSR Rwy 25 and twy lgts—CTAF. Ldg fee multi-engine acft only.



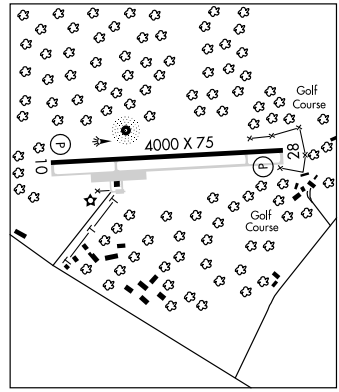
WEATHER DATA SOURCES: AWOS–3 118.425 (716) 664–6005.
COMMUNICATIONS: CTAF/UNICOM 122.7
JAMESTOWN RCO 122.1R 114.7T (BUFFALO RADIO)
Ⓡ **ERIE APP/DEP CON** 126.05 (1100–0500Z‡)
CLEVELAND CENTER APP/DEP CON 132.4 (0500–1100Z‡)
AIRSPACE: CLASS E svc Sun–Fri 1100–0300Z‡, Sat 1200–2300Z‡, other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE JHW.
JAMESTOWN (H) VOR/DME 114.7 JHW Chan 94 N42°11.32′ W79°07.28′ 258° 6.1 NM to fld. 1790/07W.
ILS/DME 109.7 I–JHW Chan 34, Rwy 25. Class IE. ILS unmonitored.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

JOHN F. KENNEDY INTL (See NEW YORK)

JOHNSTOWN N42°59.97′ W74°19.89′ NOTAM FILE BTV. **NEW YORK**
NDB (MHW) 523 JJH at Fulton Co. **L–32G**

JOHNSTOWN

FULTON CO (NYØ) 2 E UTC−5(−4DT) N42°59.89′ W74°19.77′ **NEW YORK**
881 B S3 **FUEL** 100LL, JET A TPA–1681 (800) NOTAM FILE BTV Not insp. **L–32G**
RWY 10–28: H4000X75 (ASPH) MIRL 0.4% up E **IAP**
RWY 10: REIL. PAPI(P2L). Trees.
RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 42′. Trees.
AIRPORT REMARKS: Attended Mon–Sat 1300–2200Z‡. Sun 1500–2200Z‡. ACTIVATE MIRL Rwy 10–28—CTAF. Landing fee.
COMMUNICATIONS: CTAF/UNICOM 122.7
ALBANY APP/DEP CON 118.05
RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.
ALBANY (L) VORTAC 115.3 ALB Chan 100 N42°44.84′ W73°48.19′ 316° 27.7 NM to fld. 275/13W.
JOHNSTOWN NDB (MHW) 523 JJH N42°59.97′ W74°19.89′ at fld. NOTAM FILE BTV.



JOSEPH Y RESNICK (See ELLENVILLE)

KATHI N43°06.54′ W78°50.30′ NOTAM FILE IAG.
NDB (LOM) 329 IA 279° 4.7 NM to Niagara Falls Intl. Unmonitored when Niagara Falls Intl twr clsd.

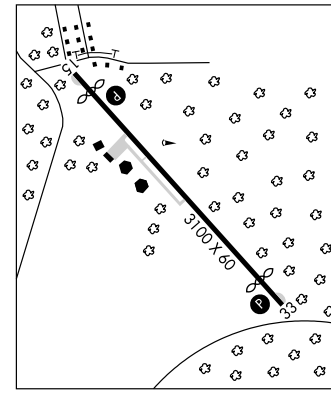
KEENE

MARCY FLD (1I1) 2 S UTC−5(−4DT) N44°13.25′ W73°47.48′ **MONTREAL**
985 NOTAM FILE BTV Not insp.
RWY N–S: 2390X95 (TURF)
RWY N: Road. **RWY S:** Trees.
AIRPORT REMARKS: Unattended. Closes late Oct reopens mid May.
COMMUNICATIONS: CTAF 122.9

KENNEDY N40°37.97′ W73°46.28′ NOTAM FILE JFK. **NEW YORK**
(H) VOR/DME 115.9 JFK Chan 106 at John F. Kennedy Intl. 11/12W. **H–10I, 12J, L–33B, 34H**
VOR/DME unusable:
100°–299° byd 30 NM blo 2000′ 060°–099° byd 25 NM blo 2500′
300°–059° byd 30 NM blo 2500′
RCO 122.1R 115.9T (NEW YORK RADIO)

KINGSTON N41°39.93′ W73°49.33′ NOTAM FILE ISP. **NEW YORK**
(L) VOR/DME 117.6 IGN Chan 123 242° 3.6 NM to Dutchess Co. 580/12W. **HIWAS.** **H–10I, 12J, L–33B, 34H**
VOR unusable 045°–050° byd 35 NM blo 4300′ 070°–140° byd 30 NM blo 3400′
RCO 122.1R 117.6T (NEW YORK RADIO)

KINGSTON–ULSTER (2ØN) 4 N UTC−5(−4DT) N41°59.12′ W73°57.85′ **NEW YORK**
149 S4 **FUEL** 100LL TPA—1200(1051) NOTAM FILE ISP **L–33B, 34I**
RWY 15–33: H3100X60 (ASPH) S–12.5 MIRL 0.4% up NW **IAP**
RWY 15: PAPI(P2L). Thld dsplcd 235′. Trees.
RWY 33: REIL. PAPI(P2L).Thld dsplcd 310′. Pole.
RUNWAY DECLARED DISTANCE INFORMATION:
RWY 15: TORA–3100 TODA–3100 ASDA–3010 LDA–2775
RWY 33: TORA–3100 TODA–3100 ASDA–2939 LDA–2630
AIRPORT REMARKS: Attended Mon–Fri 1300Z‡–dusk except Thanksgiving, Christmas and New Years. Sat–Sun 1400–2200Z‡. Rwy 33 has +21′ fence 237′ from thld. PAEW adjacent twy/rwy. No runups at Rwy 15 thld. No line of sight between Rwy 33 hold line and acft in final .25 mile of apch to Rwy 33. No flight training or transient 0300–1100Z‡. Ngt touch and go ldg prohibited. Noise abatement procedures in effect call 845–336–8400. Avoid overflight of housing development adjacent to N end of rwy. Preferred arrival Rwy 33, dep Rwy 15. ACTIVATE PAPI Rwy 15 and Rwy 33—123.3. MIRL Rwy 15–33, REIL Rwy 33 and twy lgts operate 123.3 dusk–dawn.



WEATHER DATA SOURCES: HIWAS 117.6 IGN.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 132.75
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93′ W73°49.33′ 354° 20.2 NM to fld. 580/12W.
HIWAS.

KIRKWOOD AIRPARK (5N5) 3 S UTC−5(−4DT) N42°00.02′ W75°45.61′ **NEW YORK**
870 B NOTAM FILE BUF
RWY 15–33: 3350X75 (TURF) LIRL (NSTD)
RWY 15: VASI(NSTD). Tree. **RWY 33:** VASI(NSTD). Tree.
AIRPORT REMARKS: Attended daylight hours, after dusk ctc Binghamton apch. Arpt CLOSED indef. Parachute Jumping. Rotating bcn OTS indef. Rwy 15–33 NSTD LIRL; first 630′ unlgtd; no thld lgts. For LIRL Rwy 15–33 and rotating beacon call 607–775–3672. During winter snow conditions call 607–775–3672 for field status. Rwy 15 and Rwy 33 VASI home–built tri–color lgt; both OTS indef.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

KLINE KILL (See GHENT)

KLUMP N43°00.01′ W78°39.05′ NOTAM FILE BUF.
NDB (LOM) 231 BU 234°5.1 NM to Buffalo Niagara Intl.

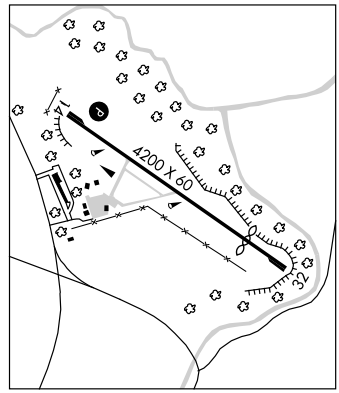
KNOX (See QUAKER STREET)

KOBELT (See WALLKILL)

KRING N42°35.08′ W74°59.18′ NOTAM FILE UCA.
NDB (LOM) 279 OZ 236° 5.0 NM to Oneonta Muni.

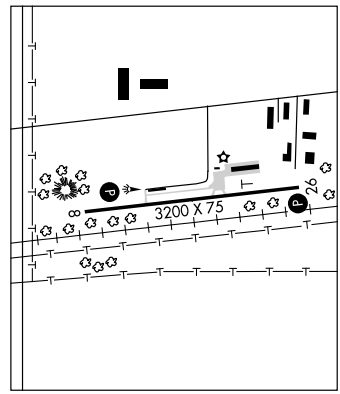
LA GUARDIA (See NEW YORK)

LAKE PLACID (LKP) 1 SE UTC−5(−4DT) N44°15.87′ W73°57.71′ **MONTREAL**
1747 S4 **FUEL** 100LL NOTAM FILE BTV **L–32G**
RWY 14–32: H4200X60 (ASPH) S–8 MIRL **IAP**
RWY 14: PAPI(P2L)—GA 3.5° TCH 45′.
RWY 32: REIL. Thld dsplcd 1250′.
AIRPORT REMARKS: Attended Mon–Fri 1200–2200Z‡, Sat–Sun 1400–2200Z‡. Extensive glider activity. Mountains on both approaches 1–5 miles from runway ends. ACTIVATE MIRL Rwy 14–32 PAPI Rwy 14 and twy lgts—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
BOSTON CENTER APP/DEP CON 120.35
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
BURLINGTON (L) VORW/DME 117.5 BTV Chan 122 N44°23.83′ W73°10.95′ 272° 34.5 NM to fld. 420/15W. **HIWAS.**



LANCASTER

BUFFALO–LANCASTER RGNL (BQR) 3 NE UTC−5(−4DT) N42°55.32′ W78°36.72′ **DETROIT**
750 B S6 **FUEL** 100LL, JET A1 NOTAM FILE BUF **L–31E**
RWY 08–26: H3200X75 (ASPH) MIRL
RWY 08: REIL. PAPI(P2L). Berm.
RWY 26: REIL. PAPI(P2L).
AIRPORT REMARKS: For attendance call 716–683–9536. +28 ft railroad 215 ft S of rwy centerline parallel to Rwy 08–26. ACTIVATE MIRL Rwy 08–26, REIL Rwys 08 and 26 and PAPI Rwys 08 and 26—CTAF.
COMMUNICATIONS: CTAF/AUNICOM 123.05
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF
BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74′ W78°38.78′ 113° 1.6 NM to fld. 730/08W.
COMM/NAV/WEATHER REMARKS: Automated UNICOM, 617–262–3825. Clnc del thru Flight Services 1–888–766–8267.



LEDGEDALE AIRPARK (See BROCKPORT)

LE ROY (5GØ) 2 E UTC−5(−4DT) N42°58.88′ W77°56.25′ **DETROIT**
780 B S2 **FUEL** 100LL NOTAM FILE BUF **L–31E, 32F**
RWY 10–28: H2640X60 (ASPH) S–12.5 MIRL 0.4% up W **IAP**
RWY 10: REIL. PAPI(P2L)—GA 3.0°. Fence. **RWY 28:** REIL. PAPI(P2L)—GA 3.0°. Fence.
AIRPORT REMARKS: Attended 1500–2100Z‡, except State and Federal legal holidays. Deer on and invof arpt. Rwy 28 has +11′ fence 280′ from rwy. Rwy 10 has +11′ fence, 96′ left, 326′ from rwy. REIL Rwy 28 OTS indef. REIL Rwy 10 OTS indef. ACTIVATE MIRL Rwy 10–28, PAPI Rwy 10 and Rwy 28 and REIL Rwy 10 and Rwy 28—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ROCHESTER APP/DEP CON** 123.7
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
GENESEO (L) VOR/DME 108.2 GEE Chan 19 N42°50.06′ W77°43.97′ 323° 12.6 NM to fld. 990/09W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

LEXINGTON–PRATTSVILLE

MABEN (NØØ) 2 NW UTC−5(−4DT) N42°16.34′ W74°23.64′ **NEW YORK**
1800 B TPA—2600(800) NOTAM FILE BTV
RWY 03–21: 4000X50 (TURF–GRVL) LIRL (NSTD)
RWY 03: Tree. **RWY 21:** Tree.
AIRPORT REMARKS: Unattended. Arpt CLOSED indef. Extensive glider activity. Mowed width varies 35 to 50′. Rwy 03–21 turf in some areas, grvl in other areas. Rwy 03–21 NSTD LIRL; rwy lgts portable with blinkers and reflectors. For rwy lgts and rotating bcn call 518–299–3664/3112. Rwy ends marked with white crosses day of inspection, with hay wagon parked on rwy thld and arpt unattended.
COMMUNICATIONS: CTAF 122.8

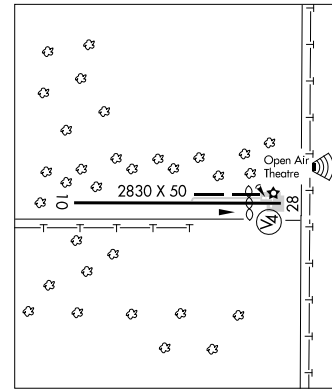
LIGHTNING TREE FARM (See MILLBROOK)

LIVINGSTON

GREEN ACRES (1A1) 2 NE UTC−5(−4DT) N42°08.92′ W73°45.06′ **NEW YORK**
295 S2 NOTAM FILE BTV
RWY 03–21: 2275X75 (TURF)
RWY 03: Tree. **RWY 21:** Tree.
AIRPORT REMARKS: Attended daylight hours.
COMMUNICATIONS: CTAF 122.9

LOCKPORT

NORTH BUFFALO SUBURBAN (ØGØ) 3 S UTC−5(−4DT) N43°06.19′ W78°42.20′ **DETROIT**
588 B **FUEL** 100LL TPA—1401(813) NOTAM FILE BUF **L–31E**
RWY 10–28: H2830X50 (ASPH) S–6 MIRL **IAP**
RWY 10: Trees.
RWY 28: TRCV(TRIL)—GA 3.0°. Thld dsplcd 355′. P–line.
AIRPORT REMARKS: Attended 1330–0300Z‡. Rwy safety area 575′ by 60′ west end. ACTIVATE MIRL Rwy 10–28—123.0. MIRL opr low ints only.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **BUFFALO APP/DEP CON** 126.5
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74′ W78°38.78′ 355° 10.7 NM to fld. 730/08W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



LOKKS N40°43.74′ W73°11.41′ NOTAM FILE ISP.
NDB (LOM) 366 IS 060° 5.7 NM to Long Island Mac Arthur. Unmonitored.

LONG ISLAND MAC ARTHUR (See ISLIP)

LONG LAKE

LONG LAKE/HELMS SPB (NY9) 0 N UTC−5(−4DT) N43°58.50′ W74°25.23′ **NEW YORK**

1629 S2 **FUEL** 100LL NOTAM FILE BUF

WATERWAY NE–SW: 15000X1500 (WATER)

SEAPLANE REMARKS: Attended Apr–Nov 1300Z‡–dusk. Bridge across lake (Route 30) 500′ NW of base. Do not taxi under bridge at high water levels; possible at low water level; stay to west (high) side of bridge. Water levels may vary +/− 10′. P–line at base and building across from base; +50′ p–lines along road and bridge (Route 30). One rwy north of bridge and the other rwy south of bridge.

COMMUNICATIONS: CTAF/UNICOM 122.8

LONG LAKE: SAGAMORE SPB AND MARINA (KØ3) 1N UTC−5(−4DT) **NEW YORK**

N43°58.14′ W74°25.73′

1629 NOTAM FILE BUF

WATERWAY ALL WAY: 15000X2000 (WATER)

SEAPLANE REMARKS: Attended April–Nov dawn–dusk. Major rwy orientation is NE–SW. Do not taxi under bridge at high water levels; possible at low water levels. Stay to west (high) side of bridge. Water levels vary +/− 10′. Access to Sagamore Base from land side via Sagamore Road off of Rt 30 north of US Post Office on east side. One rwy north of bridge; another rwy south of bridge. Bridge across lake (Route 30) and building across road. +50′ p–lines along road and bridge (Route 30). Sagamore Base located ¼ mile south of bridge on east shore. SPB located 60 NM east of Carthage, NY.

COMMUNICATIONS: CTAF/UNICOM 122.8

LT. WARREN EATON (See NORWICH)

LUFKER (See EAST MORICHES)

LUTHER (See CHITTENANGO)

MABEN (See LEXINGTON–PRATTSVILLE)

MALONE–DUFORT (MAL) 2 W UTC−5(−4DT) N44°51.22′ W74°19.74′ **MONTREAL**

790 B TPA—1590(800) NOTAM FILE BTV **L–32G**

RWY 05–23: H4000X100 (ASPH) MIRL 0.4% up SW **IAP**

RWY 05: REIL. Pole. **RWY 23:** REIL. Trees.

RWY 14–32: H3245X75 (ASPH) MIRL 0.9% up SE

RWY 32: Tree.

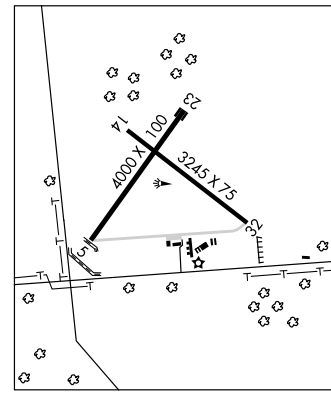
AIRPORT REMARKS: Attended Apr–Nov, Sat–Sun and Holidays, other times call 518–483–2431. Rwy 14–32 has snow removal but visual inspection and NOTAM check must be done as town roads are plowed before arpt. Haying activity and equipment present Jun–Sept. Rotating bcn OTS indef. ACTIVATE MIRL Rwy 05–23, Rwy 14–33, and twy lgts—CTAF. Rwy 05 REIL out of svc indefinitely.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 135.25

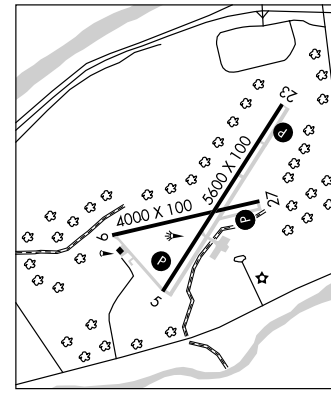
RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.

MASSENA (H) VORTACW 114.1 MSS Chan 88 N44°54.86′ W74°43.36′ 116° 17.2 NM to fld. 200/14W. **HIWAS.**



MARCY FLD (See KEENE)

MASSENA INTL–RICHARDS FLD (MSS) 2 E UTC−5(−4DT) N44°56.15′ W74°50.73′ **MONTREAL**
215 B S1 **FUEL** 100LL, JET A AOE Class II, ARFF Index A NOTAM FILE MSS **H–11C, 12K, L–32G**
RWY 05–23: H5600X100 (ASPH–GRVD) S–30, D–50, DT–76 PCN 20 F/C/X/T HIRL 0.3% up NE **IAP**
RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 59′. Tree.
RWY 23: PAPI(P4L)—GA 3.0° TCH 43′.
RWY 09–27: H4000X100 (ASPH–GRVD) S–30, D–50, DT–76 MIRL
RWY 09: Trees.
RWY 27: REIL. PAPI(P4L)—GA 3.0°TCH 35′. Trees.



AIRPORT REMARKS: Attended Mon 1230–2100Z‡, Tues–Fri 1230–2200Z‡, Sat 1330–2200Z‡. Unattended holidays. Birds and deer on and invof arpt. Frequent concentration of seagulls and Canada geese on and in vicinity of airport particularly during poor weather periods. 421 ft lgtd/marked twr 6000 ft S of arpt. Rwy conditions reported during normal hours of ops. Twy E hold sign at Rwy 23 OTS indef. Twy B at Rwy 05–23 hold sign OTS indef. Rwy 05 hold sign at Twy A lgt OTS indef. PPR 24 hours for air carrier ops with more than 30 passenger seats; call arpt manager 315–769–7605. Rwy 05 and Rwy 09–27 first 50′ not grvd. Overnight acft parking avbl at terminal apron. After attendance hrs vehicle and pedestrian access to FBO apron and hangar only avbl with key card for automatic gate. ACTIVATE HIRL Rwy 05–23, MIRL Rwy 09–27, PAPI Rwy 23, Rwy 05 and Rwy 27, REIL Rwy 05 and Rwy 27 and twy lgts—CTAF. Rwy 05–23 and 09–27 first 50 ft not grvd. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS 128.075 (315) 764–0481. **HIWAS** 114.1 MSS.
COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.2 (BURLINGTON RADIO)
Ⓡ **BOSTON CENTER APP/DEP CON** 135.25
RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.
(H) VORTACW 114.1 MSS Chan 88 N44°54.86′ W74°43.36′ 298° 5.4 NM to fld. 200/14W. **HIWAS.**
VOR portion unusable:
056°–066° blo 14000′
067°–260°
261°–271° blo 18000′
261°–271° byd 38 NM
272°–055°
MISSE NDB (LOM) 278 MS N44°51.25′ W74°54.95′ 045° 5.8 NM to fld. Unmonitored.
ILS 108.7 I–MSS Rwy 05 Class IT. LOM MISSE NDB. ILS unmonitored.

MATTITUCK (21N) 1 SE UTC−5(−4DT) N40°59.26′ W72°31.14′ **NEW YORK**
30 S6 **FUEL** 100LL NOTAM FILE ISP **COPTER**
RWY 01–19: H2200X60 (ASPH)
RWY 01: Trees. **RWY 19:** Trees.
AIRPORT REMARKS: Attended Mon–Fri 1300–2130Z‡. All training operations, take–off and landing practice and night operations are prohibited. Deer on and invof arpt. Rwy 01–19 sprayed asph and pebble mixture and asph. Rwy 19 extensive pavement rutting at centerline 240′–350′ from thld. Segmented circle has no tfc pattern indicator.
COMMUNICATIONS: CTAF 122.9

MAUS MARINELAND SPB (See NEW HOPE)

MAYVILLE

DART (D79) 2 E UTC−5(−4DT) N42°16.09′ W79°28.90′ **DETROIT**
1330 TPA—2130(800) NOTAM FILE BUF
RWY 13–31: 2750X60 (TURF)
RWY 13: P-line. **RWY 31:** P-lines.
RWY 06–24: 1840X60 (TURF)
RWY 06: Tree. **RWY 24:** P-lines.
AIRPORT REMARKS: Attended daylight hours. Extensive glider ops on and in vicinity of arpt. Ultralight activity on and invof arpt.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

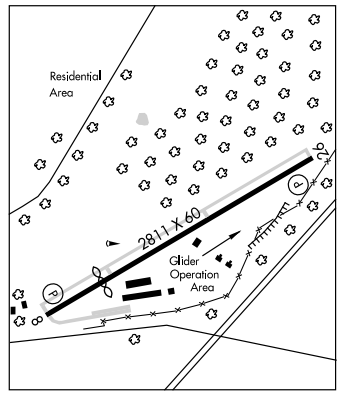
MECHANICVILLE

BURRELLO–MECHANICVILLE (K27) 1 SE UTC−5(−4DT) N42°53.59′ W73°40.11′ **NEW YORK**
195 NOTAM FILE BTV **L–33B, 34I**
RWY 14–32: 2600X21 (ASPH–GRVL)
RWY 14: Tree. **RWY 32:** Tree.
AIRPORT REMARKS: Unattended. Ultralgt on and invof arpt. Rwy 32 first 500′ excessive grass in cracks. Rwy 14–32 southeast 1800′ asph, northwest 800′ alternating gravel, turf and gravel. First 800′ Rwy 14 grvl. 40′ dropoff 16′ from SE edge Rwy 32.
COMMUNICATIONS: CTAF 122.9

MIDDLESEX VALLEY (4N2) 1 NW UTC–5(−4DT) N42°42.57′ W77°16.53′ **DETROIT**
735 S2 NOTAM FILE BUF Not insp.
RWY 03–21: 2130X175 (TURF)
RWY 03: Tree. **RWY 21:** Tree.
AIRPORT REMARKS: Attended SR–SS. Rwy 03–21 marked with barrels at rwy ends. Rwy 03–21 +4′ fence located along east rwy edge. Rwy 03–21 not plowed in winter.
COMMUNICATIONS: CTAF/UNICOM 122.7
COMM/NAV/WEATHER REMARKS: Clnc del thru Buffalo Flight Services 1–888–766–8267.

MIDDLETOWN

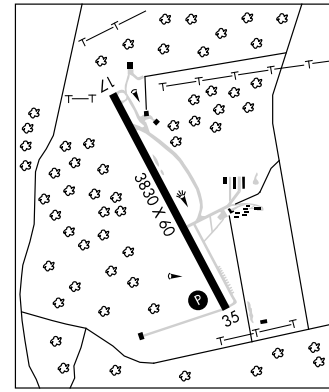
RANDALL (Ø6N) 2 SE UTC−5(−4DT) N41°25.91′ W74°23.49′ **NEW YORK**
523 **FUEL** 100LL NOTAM FILE ISP **L–33A, 34H**
RWY 08–26: H2811X60 (ASPH) S–25 MIRL 0.6% up E **IAP**
RWY 08: PAPI(P2L). Thld dsplcd 563′. Road.
RWY 26: PAPI(P2L). Ground.
AIRPORT REMARKS: Unattended. Call manager. Fuel avbl for based acft owners with special key. Heavy glider and hang glider activity on weekends and holidays. Ultralgt in and around vicinity of arpt. Cranes 300′ AGL 1 NM east AER 26. 200′ safety area Rwy end 26. For MIRL and PAPI Rwy 08–26 call 845–343–5965. Thld lgts rgt of dspld thld covered when lgts are not on. Call arpt manager for rwy lgts at 845–343–5965. Rwy 08–26 surface treatment: single wheel strength is 12.5.
COMMUNICATIONS: CTAF/UNICOM 122.8
HUGUENOT RCO 122.1R 116.1T (NEW YORK RADIO).
Ⓡ **NEW YORK APP/DEP CON** 132.75
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
HUGUENOT (H) VOR/DME 116.1 HUO Chan 108 N41°24.58′ W74°35.50′ 093° 9.1 NM to fld. 1300/11W.
OTIMS NDB (LOM) 353 MG N41°26.71′ W74°17.47′ 274° 4.6 NM to fld. NOTAM FILE MGJ.



MIDLAKES (See GORHAM)

MILLBROOK

SKY ACRES (44N) 6 SW UTC−5(−4DT) N41°42.45′ W73°44.28′ — NEW YORK
698 S4 **FUEL** 100LL NOTAM FILE ISP — L–33B, 34I
RWY 17–35: H3830X60 (ASPH) S–20 MIRL 1.3% up S — IAP
RWY 17: Trees. **RWY 35:** PAPI(P4L). Tree.
AIRPORT REMARKS: Attended Mon–Fri 1300–2100Z‡, Sat–Sun 1300–2130Z‡. Self–svc fuel avbl 24 hrs. Rwy 17–35 safety areas have 30 ft dropoffs sloping 20 ft from thld at both ends. Parallel twy not lgtd. Rwy 35 PAPI OTS indef. ACTIVATE MIRL Rwy 17–35 and PAPI Rwy 35—122.8.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 132.75
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93′ W73°49.33′ 068° 4.5 NM to fld. 580/12W. **HIWAS.**

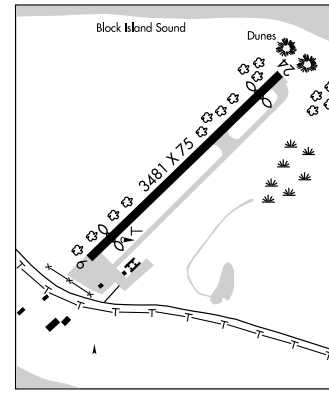


MISSE N44°51.25′ W74°54.95′ NOTAM FILE MSS. — MONTREAL
NDB (LOM) 278 MS 045° 5.8 NM to Massena Intl–Richards Fld. Unmonitored. — L–32G

MOHAWK VALLEY (See SCOTIA)

MONGA N41°46.00′ W74°51.65′ NOTAM FILE MSV. — NEW YORK
NDB (MHW/LOM) 359 MS 155° 4.9 NM to Sullivan Co. Intl. — L–33A, 34H

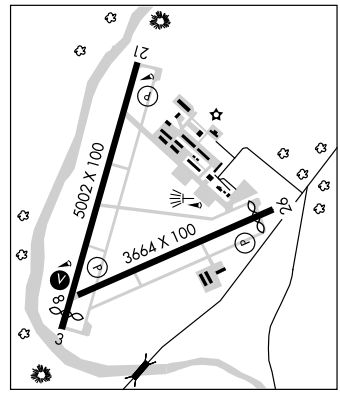
MONTAUK (MTP) 3 NE UTC−5(−4DT) N41°04.59′ W71°55.25′ — NEW YORK
6 NOTAM FILE MTP — COPTER
RWY 06–24: H3481X75 (ASPH) MIRL — L–33C
RWY 06: Thld dsplcd 537′. Trees. — IAP
RWY 24: Thld dsplcd 457′. Dune. Rgt tfc.
AIRPORT REMARKS: Attended Apr–Oct dalgt hours, other times irregularly. Arpt CLOSED to helicopter ops SS–SR; PPR. Helicopters call for prior permission to lnd on ramp area. Arpt CLOSED to jet acft except PPR call arpt manager 631–668–3738. Deer occasionally on or in vicinity of arpt. Rwy 24 no touch and go. Rwy 06 has +18′ brush along rwy edge 90′ left and +26′ pole 400′ from thld 79′ left. Rwy 24 has +21′ brush along rwy edge 87′ right. ACTIVATE MIRL Rwy 06–24—121.7. Landing fee.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **NEW YORK APP CON** 125.975
Ⓡ **PROVIDENCE DEP CON** 125.75 (1045–0500Z‡)
Ⓡ **BOSTON CENTER DEP CON** 124.85 (0500–1045Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
HAMPTON (H) VORTAC 113.6 HTO Chan 83 N40°55.14′ W72°19.00′ 075° 20.3 NM to fld. 22/13W. **HIWAS.**



MONTGOMERY

ORANGE CO (MGJ) 1 SW UTC−5(−4DT) N41°30.60′ W74°15.88′ — NEW YORK
364 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks — H–10I, 12J, L–33B, 34H
NOTAM FILE MGJ — IAP

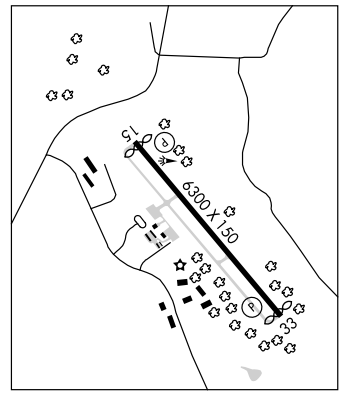
RWY 03–21: H5002X100 (ASPH–CONC) S–30, D–57, DT–85 HIRL
RWY 03: REIL. VASI(V4L)—GA 3.0° TCH 52′. Thld dsplcd 301′. Trees.
RWY 21: REIL. PAPI(P2L)—GA 3.5°. Brush. Rgt tfc.
RWY 08–26: H3664X100 (ASPH–CONC) S–30, D–57, DT–85 MIRL 0.4% up E
RWY 08: PAPI(P2L)—GA 3.5°. Trees.
RWY 26: PAPI(P2L)—GA 3.5°. Thld dsplcd 315′. Trees. Rgt tfc.



AIRPORT REMARKS: Attended Mon–Fri 1200–2300Z‡, Sat–Sun 1300–2100Z‡. Fuel avbl after hrs by credit card self-svc ramp. Be aware of large turbojet acft vicinity of Stewart arpt located 7 NM ESE. 800 ft hill ½ mile NW of arpt on downwind/base leg for Rwy 21. Noise abatement procedures in effect, ctc arpt manager 845–457–4925. ACTIVATE HIRL Rwy 03–21, MIRL Rwy 08–26, REIL Rwys 03 and 21, VASI Rwy 03, and twy lgts—CTAF. TPA—Single engine propeller acft 1400 (1035), twin engine/turbojet acft 1700 (1335)′. After landing 180° turns are prohibited. 23′ stabilized shoulder each side of Rwy 03–21. 9′ stabilized shoulder each side of Rwy 08–26.
WEATHER DATA SOURCES: ASOS 119.275 (845) 457–1486. SAWRS.
COMMUNICATIONS: CTAF/AUNICOM 122.725
HUGUENOT RCO 122.1R 116.1T (NEW YORK RADIO).
Ⓡ **NEW YORK APP/DEP CON** 132.75 **CLNC DEL** 123.85
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
HUGUENOT (H) VOR/DME 116.1 HUO Chan 108 N41°24.58′ W74°35.50′ 079° 15.9 NM to fld. 1300/11W.
OTIMS NDB (LOM) 353 MG N41°26.71′ W74°17.47′ 031° 4.1 NM to fld.
ILS 111.7 I–MGJ Rwy 03. LOM OTIMS NDB.

MONTICELLO

SULLIVAN CO INTL (MSV) 6 NW UTC−5(−4DT) N41°42.10′ W74°47.70′ — NEW YORK
1403 B S3 **FUEL** 100LL, JET A Class IV, ARFF Index A NOTAM FILE MSV — H–10I, 12J, L–33A, 34H
RWY 15–33: H6300X150 (ASPH–GRVD) S–36, D–49, DT–74.5 HIRL 0.4% up NW — IAP
RWY 15: REIL. PAPI(P4L)—GA 3.0°TCH 39′. Thld dsplcd 300′. Trees.
RWY 33: REIL. PAPI(P4L)—GA 3.0°TCH 39′. Thld dsplcd 300′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 15: TORA–6300 TODA–6300 ASDA–6000 LDA–5700
RWY 33: TORA–6300 TODA–6300 ASDA–6000 LDA–5700



AIRPORT REMARKS: Attended 1200–2200Z‡. Self-service 100LL fuel avbl 24 hrs daily. JET A fuel avbl 1300–2200Z‡; after hrs call 845–292–5811. Birds, coyote and deer on and invof arpt. PPR 24 hours for air carrier ops call arpt manager 845–583–6600. ACTIVATE HIRL Rwy 15–33, REIL Rwy 15 and Rwy 33, and twy lgts—CTAF. PAPI Rwy 15 and Rwy 33 opr continuously. Ldg fee for acft over 8,000 pounds and all commercial acft regardless of weight.
WEATHER DATA SOURCES: AWOS–3 124.725 (845) 583–5056.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 132.75 **CLNC DEL** 121.6
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
HUGUENOT (H) VOR/DME 116.1 HUO Chan 108 N41°24.58′ W74°35.50′ 343° 19.8 NM to fld. 1300/11W.
MONGA NDB (MHW/LOM) 359 MS N41°46.00′ W74°51.65′ 155° 4.9 NM to fld.
ILS 109.1 I–MSV Rwy 15. Class IE LOM MONGA NDB BC unusable.

MOORES (See DEGRASSE)

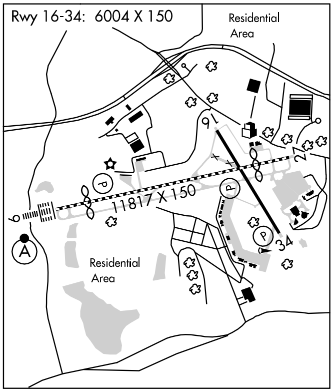
NEELY N41°29.15′ W74°13.68′ NOTAM FILE SWF. — NEW YORK
NDB (MHW/LOM) 335 SW 093° 5.7 NM to Stewart Intl. — L–33B, 34H

NEWBURGH

STEWART INTL (SWF) 3 NW UTC−5(−4DT) N41°30.25′ W74°06.29′ **NEW YORK**

491 B S4 **FUEL** 100LL, JET A TPA—See Remarks LRA Class I, ARFF Index C **H–10I, 12J, L–33B, 34I**

NOTAM FILE SWF **IAP, AD**



RWY 09–27: H11817X150 (ASPH–GRVD) S–85, D–175, ST–175, DT–350,DDT–775 HIRL CL

RWY 09: ALSF2. TDZL. PAPI(P4L)—GA 3.0°TCH 66′. Thld dsplcd 2000′. Fence. 0.4% down.

RWY 27: REIL. PAPI(P4L)—GA 3.0°; TCH 55′. Thld dsplcd 2000′. Tree.

RWY 16–34: H6004X150 (ASPH–GRVD) S–120, D–190, ST–175, DT–350. DDT–800 MIRL 0.6% up NW

RWY 16: REIL. Trees.

RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 50′. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 09: TORA–11818 TODA–11818 ASDA–10818 LDA–8818

RWY 16: TORA–6006 TODA–6006 ASDA–6006 LDA–6006

RWY 27: TORA–11818 TODA–11818 ASDA–11818 LDA–9818

RWY 34: TORA–6006 TODA–6006 ASDA–5606 LDA–5606

AIRPORT REMARKS: Attended continuously. Be Aware—Extensive glider activity 8 miles E of HUO VORTAC in a 5-mile radius. Dutchess County arpt located 3.3 NM SW. of Kingston VORTAC; do not mistake for Stewart Intl. Birds and deer on and invof arpt. Noise abatement procedures in effect ctc arpt mgr 914–564–7200. TPA for piston acft 1500(1009), jet acft 2500(2009), rotorcraft 1200(709). Avoid Orange Co. Arpt, lctd 7 NM WNW during VFR apchs. Rgt tfc on Rwys 16 and 27 may be used for noise abatement. Twy B clsd to acft over 10,000 pounds. Twy H restricted to acft with wingspan 140′ or less. Twys G and B in poor condition—cracked and spalled. 8′ lgtd chain link parking lot fence 175′ west of Twy C centerline between terminal building and Building 118. Twy C between Twy B and Twy F not visible from twr. Twy C restricted to acft with wingspan greater than 125′ between Hangar B and Building 118. Acft with wingspan 172′ or more require vehicle escort for all Twy C ops south of terminal apron. Call arpt ops 845–564–7200 ext 228. No jet training 0300–1200Z‡. Rwy 09 touchdown, midfield, and rollout rwy visual range avbl. Rwy 09 midfield and rollout rwy visual range OTS indef. Rwy 09 sequence flashers OTS indef. Twy L, Twy M, Twy N edge lgts OTS indef. Compass calibration pad located on the Twy G runup apron. Twy G clsd southwest of compass rose. User fee charged to all intl flights. Fee for acft over 10,000 lbs. Flight Notification Service (ADCUS) available.

COMMUNICATIONS: ATIS 124.575 (845) 567–9311. **UNICOM** 122.95

Ⓡ **NEW YORK APP/DEP CON** 132.75

TOWER 121.0 **GND CON** 121.9

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93′ W73°49.33′ 245° 16.0 NM to fld. 580/12W. **HIWAS.**

NEELY NDB (MHW/LOM) 335 SW N41°29.15′ W74°13.68′ 093° 5.7 NM to fld.

ILS 110.1 I–SWF Rwy 09. Class IIE. LOM NEELY NDB. BC unusable.

ILS/DME 109.95 I–JKH Chan 36Y Rwy 27. Class IB.

• •

HELIPAD H1: H40X40 (ASPH)

HELIPAD REMARKS: Helipad located intersection Twy B and Twy C east of Twy C.

NEWFANE

HOLLANDS INTL FLD (85N) 3 SW UTC−5(−4DT) N43°16.00′ W78°46.07′ **DETROIT**

360 NOTAM FILE BUF

RWY NE–SW: 2875X75 (TURF)

RWY NE: Trees. **RWY SW:** Trees.

AIRPORT REMARKS: Unattended. Parachute Jumping. Parachute club uses arpt during Apr–Nov.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

NEW HOPE

MAUS MARINELAND SPB (NKØ) 2 NE UTC−5(−4DT) N42°48.62′ W76°18.65′ **NEW YORK**

863 **FUEL** MOGAS NOTAM FILE BUF

WATERWAY 14–32: 15000X4000 (WATER)

WATERWAY 32: Rgt tfc.

SEAPLANE REMARKS: Attended Apr–Oct, Mon–Sat daylight hours. Mooring area is lgtd.

COMMUNICATIONS: CTAF 122.9

NEW YORK N40°47.72′ W73°06.01′ NEW YORK
FSS (ISP) L–33B, 34I
RCO 122.6 122.2 (ISLIP RADIO)

NEW YORK

DOWNTOWN/MANHATTAN/WALL STREET HELIPORT (JRB) 3 SE UTC−5(−4DT) NEW YORK
N40°42.07′ W74°00.54′ COPTER
7 NOTAM FILE ISP
HELIPAD H1: H62X62 (CONC) S–50 PERIMETER LIGHTS
HELIPORT REMARKS: Attended Mon–Fri 1200–0300Z‡, Sat 1400–0000Z‡, Sun 1400–2200Z‡. Attendance early hours holiday and weekend schedules requires 24 hours notice call 212–248–7240. Birds on and invof heliport. 100′ cranes operating near USCG Ferry Slip. Boats may navigate in water along heliport pier. No flts or apchs over FDR drive, two–way radio required. 12 helicopter parking spaces with additional transient positions avbl. Fire protection foam system on site. Landing fee.
WEATHER DATA SOURCES: AWOS–3 128.175 (212) 425–1534.
COMMUNICATIONS: CTAF/UNICOM 123.075

EAST 34TH STREET HELIPORT (6N5) ØE UTC−5(−4DT) N40°44.56′ W73°58.32′ NEW YORK
10 B **FUEL** JET A1 NOTAM FILE ISP COPTER
HELIPAD H1: H37X37 (ASPH–CONC) RWY LGTS (NSTD)
HELIPAD H1: Additional 7.5′ to bulkhead.
HELIPAD H2: H44X44 (ASPH) RWY LGTS (NSTD)
HELIPAD H2: Additional 7.5′ to bulkhead.
HELIPAD H3: H44X44 (ASPH) RWY LGTS (NSTD)
HELIPAD H3: Additional 7.5′ to bulkhead.
HELIPAD H4: H44X44 (ASPH) RWY LGTS (NSTD)
HELIPAD H4: Additional 7.5′ to bulkhead.
HELIPAD H–T: H44X44 (ASPH) RWY LGTS (NSTD)
HELIPAD H–T: Additional 7.5′ to bulkhead.
HELIPORT REMARKS: Attended Mon–Fri 1300–0100Z‡. Heliport CLOSED Sat and Sun. Located 4.3 SW of La Guardia Arpt. Bcn located above office trailer blo elevated highway. NX RAD weather system avbl. No late or early ops avbl. All ops over East River. IFR clnc LGA 1–718–779–7901. Call ahead for parking. Rwy H1 lgtd building and fence NW and SE, elevated highway and building to the west, fence and building to the north and south. River on the east side, sailboats and ferries possible rwy edge of pad. NSTD red perimeter lgts. Landing fee.
COMMUNICATIONS: CTAF/UNICOM 123.075

EVERS SPB (6N6) 12 NE UTC−5(−4DT) N40°50.76′ W73°48.97′ NEW YORK
00 **FUEL** MOGAS NOTAM FILE ISP COPTER
WATERWAY ALL WAY: 5000X400 (WATER)
WATERWAY ALL: Boats.
SEAPLANE REMARKS: Attended April–Oct 1300–0000Z‡. Dalgt ops only.
COMMUNICATIONS: CTAF 122.9

JOHN F KENNEDY INTL (JFK) 13 SE UTC−5(−4DT) N40°38.39′ W73°46.74′ **NEW YORK**

13 B S4 **FUEL** 100LL, JET A OX 1, 3 LRA Class I, ARFF Index E NOTAM FILE JFK **COPTER**

RWY 13R–31L: H14572X150 (ASPH–CONC–GRVD) D–185, ST–175, DT–550, DDT–823 **H–10I, 12J, L–33B, 34H**
HIRL CL **IAP, AD**

RWY 13R: LDIN. VASI(V12)—GA 3.0° TCH 43′. Thld dsplcd 2604′. Rgt tfc.

RWY 31L: Thld dsplcd 3323′.

RWY 04L–22R: H11351X150 (ASPH–CONC–GRVD) D–185, ST–175, DT–550,DDT–823 HIRL CL

RWY 04L: REIL. PAPI(P4L)—GA 3.0° TCH 72′. **RWY 22R:** Thld dsplcd 2696′. Fence.

RWY 13L–31R: H10000X150 (ASPH–GRVD) D–185, ST–175, DT–550, DDT–823 HIRL CL

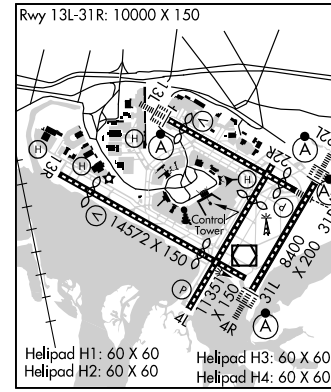
RWY 13L: LDIN. ALSF2. TDZL. VASI(V12)—GA 2.75° TCH 66′. Thld dsplcd 905′. Road. Rgt tfc.

RWY 31R: MALSR. TDZL. Thld dsplcd 1030′.

RWY 04R–22L: H8400X200 (ASPH–GRVD) D–185, ST–175, DT–550, DDT–823 HIRL CL

RWY 04R: ALSF2. TDZL.

RWY 22L: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 70′.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 04L: TORA–11351 TODA–11351 ASDA–11351 LDA–11351
RWY 04R: TORA–8400 TODA–8400 ASDA–8400 LDA–8400
RWY 13L: TORA–10000 TODA–10000 ASDA–10000 LDA–9095
RWY 13R: TORA–14572 TODA–14672 ASDA–14572 LDA–11966
RWY 22L: TORA–8400 TODA–8400 ASDA–8400 LDA–8400
RWY 22R: TORA–11351 TODA–11351 ASDA–11351 LDA–8655
RWY 31L: TORA–14572 TODA–14572 ASDA–14572 LDA–11248
RWY 31R: TORA–10000 TODA–10000 ASDA–10000 LDA–8976

ARRESTING GEAR/SYSTEM

RWY 04R: EMAS

RWY 22L: EMAS

AIRPORT REMARKS: Special Air Traffic Rules—Part 93 High Density Arpt. Prior reservation required. See Aeronautical Information Manual. Attended continuously. Para-Sail and banner towing ops 1000 ft and blo in upper and lower New York bays including Rockaway inlet indef. For noise restrictions call 212–435–3685 during normal business hours. Flocks of birds on and invof arpt. Rwy 22L ALSF2 NSTD lgt spacing. Rwy 22L PAPI horizontal offset 4° to left. Rwy 13L VASI unusable left side centerline. Lead–in Rwy 13L uses the 1000 ft light station of the approach light system only with CRI VOR approaches and is angled toward AQUEDUCT. Also 5 sequence flashing lgts from 1200 ft–2000 ft and a 5 sequence flashing lgts grouping approximately 1 mile from rwy plus 1 adjacent forming an approach gate are angled 35° south of Rwy 13L centerline designed to provide earlier ident of rwy environment. Lefferts Sections of Rwy 13L Lead–in system consists of 27 flashing lgts located 2500 ft to 3000 ft from Rwy 13L thld consists of six sequenced flashing lgts spaced 100 ft apart. Lgts monitored by ATCT. Coded transponder required. General aviation tfc ctc arpt ops on UNICOM for parking directions. General Aviation: non based charter and non based commercial aircraft operators must make arrangements for fuel prior to arrival call 718–244–4111. Rwy 04L touchdown, midfield and rollout rwy visual range avbl. Rwy 22R touchdown, midfield and rollout rwy visual range avbl. Rwy 13L touchdown, midfield and rollout rwy visual range avbl. Rwy 31R touchdown, midfield and rollout rwy visual range avbl. ASDE–X surveillance system in use, pilots should operate transponders with MODE–C on all twys and rwys. Acft prohibited in the runup block areas at Twy Z. To be used for turn around only. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices–Intersection Departures During Period of Darkness.

WEATHER DATA SOURCES: ASOS (718) 656–0956. LLWAS.

COMMUNICATIONS: D–ATIS ARR 128.725 **D–ATIS ARR–SW** 115.4 **D–ATIS ARR–NE** 117.7 **D–ATIS DEP** 115.1
(718) 995–8188.

UNICOM 122.95

KENNEDY RCO 122.1R 115.9T (NEW YORK RADIO)

Ⓡ **NEW YORK APP CON** 127.4 134.35 132.4 126.8 123.7

KENNEDY TOWER 119.1 (Rwys 04R–22L and 13L–31R) 123.9 (Rwy 04L–22R and 13R–31L)
GND CON 121.9 121.65 **CLNC DEL/PRE TAXI CLNC** 135.05 **GATE HOLD** 125.05

Ⓡ **NEW YORK DEP CON** 135.9 134.35 124.75 123.7

AIRSPACE: CLASS B See VFR Terminal Area Chart.

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RADIO AIDS TO NAVIGATION: NOTAM FILE JFK.

KENNEDY (H) VOR/DME 115.9 JFK Chan 106 N40°37.97′ W73°46.28′ at fld. 11/12W.

CANARSIE (T) VORW/DME 112.3 CRI Chan 70 N40°36.75′ W73°53.67′ 084° 5.5 to fld. 10/11W.

ILS/DME 109.5 I–JFK Chan 32 RWY 04R. Class IIIE. DME also serves Rwy 22R.

ILS/DME 110.9 I–IWY Chan 46 Rwy 22L.

ILS/DME 110.9 I–HIQ Chan 46 Rwy 04L. Class IE.

ILS 111.35 I–MOH Rwy 31L. Class IT.

ILS/DME 109.5 I–JOC Chan 32 Rwy 22R. (LOC only). DME also serves Rwy 04R.

ILS 111.5 I–RTH Chan 52 Rwy 31R. LOC unusable byd 15° left side of course.

ILS 111.5 I–TLK Chan 52 Rwy 13L. Class IIE. LOC unusable byd 11 DME.

COMM/NAV/WEATHER REMARKS: Use CAUTION for possible radio interference or false instructions on twr frequencies.

HELIPAD H1: H60X60 (ASPH)

HELIPAD H2: H60X60 (ASPH) PERIMETER LGTS

HELIPAD H3: H60X60 (ASPH PERIMETER LGTS

HELIPAD H4: H60X60 (ASPH) PERIMETER LGTS

HELIPORT REMARKS: Helipad H1 dalgt hrs only. Helipad H1 located on Twy SC adjacent to Twy R. Helipad H2 located on Twy EA between Twys A and B. Helipad H3 located at Bldg 145 general aviation terminal ramp. Helipad H4 located NW end of Twy Q adjacent to Hanger 19.

LA GUARDIA (LGA) 4 E UTC–5(–4DT) N40°46.64′ W73°52.36′ **NEW YORK**
21 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index D **COPTER**
NOTAM FILE LGA **H–10I, 12J, L–33B, 34H**
RWY 13–31: H7003X150 (ASPH–CONC–GRVD) S–80, D–170, ST–175, DT–360 HIRL CL **IAP, AD**
RWY 13: MALSR. REIL. VASI(V4L)—GA 3.0°TCH 49′.
RWY 31: REIL. VASI(V16). Upper—GA 3.0° TCH 88′. Lower—GA 2.75° TCH 47′. Building.
RWY 04–22: H7001X150 (ASPH–CONC–GRVD) S–80, D–170, ST–175, DT–360 HIRL CL
RWY 04: MALSR. PAPI(P4R)—GA 3.0° TCH 52′. Building.
RWY 22: ALSF1. TDZL. REIL. VASI(V4L)—GA 3.0°TCH 52′.
LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 04	13–31	4600
RWY 31	04–22	5500

ARRESTING GEAR/SYSTEM
RWY 13: EMAS
RWY 22: EMAS
AIRPORT REMARKS: Special Air Traffic Rules—Part 93, High Density Arpt, Prior Reservation Required, see Aeronautical Information Manual. Coded Transponder required. VFR reservation information avbl on ATIS. Attended continuously. Ship masts in apch Rwy 31. Flocks of birds on and invof arpt. Fence 9′ AGL 450′ southeast Rwy 31 thld, 6400′ southeast Rwy 04–22 centerline, 400′ northeast Rwy 13–31 centerline. Port Authority of New York and New Jersey. Open to military conventional acft with prior permission, ctc arpt ops at 718–533–3700. Magnetic anomalies may affect compass heading when using extension Rwy 13 and Rwy 22 for tkf. Rwy 13 VASI and ILS not coincidental. Noise abatement procedures in effect; call 212–435–3812 during normal business hrs. Twy G, Twy P, Twy R and Twy U concrete deck restricted to 5 knot turns, 10 knot straight. Twy ZA clsd 0400–1200Z‡ for acft parking. Twy Y between Twy AA and Twy BB clsd to acft with wingspan in excess of 113′. Twy F located bwteen Twy BB and Twy Y clsd indef. B767–400 acft rstd to 10Kt on Twy DD, Twy Z, Twy B, and Twy AA. ASDE–X surveillance system in use, pilots should operate transponders with mode C on all twys and rwys. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Continuous Power Facilities.
WEATHER DATA SOURCES: ASOS (718) 672–6317. LLWAS.
COMMUNICATIONS: D–ATIS ARR 125.95 (718) 478–6070 **D–ATIS DEP** 127.05 (718) 478–0118 **UNICOM** 122.95
RCO 122.1R 113.1T (NEW YORK RADIO)
® **NEW YORK APP CON** 120.8 132.7 128.8 (Final) 127.3 124.95 118.0
TOWER 118.7 **GND CON** 121.7 121.85 **CLNC DEL** 135.2 (121.875 helicopters) **PRE–TAXI CLNC** 135.2
® **NEW YORK DEP CON** 120.4 124.45 127.05
AIRSPACE: CLASS B See VFR Terminal Area Chart.
RADIO AIDS TO NAVIGATION: NOTAM FILE LGA.
(L) VOR/DME 113.1 LGA Chan 78 N40°47.02′ W73°52.12′ at fld. 15/12W.
VOR portion unusable:
245°–280° byd 25 NM blo 6000′
DME portion unusable:
245°–280° byd 25 NM blo 6000′
ORCHY NDB (LOM) 385 UR N40°51.98′ W73°48.21′ 222° 6.2 NM to fld.
Unusable 140°–210° byd 11 NM.
ILS 110.5 I–LGA Rwy 04. Class IT.
ILS/DME 108.5 I–GDI Chan 22 Rwy 13. Class IE. Glideslope unusable byd 5° left of course.
ILS 110.5 I–URD Rwy 22. Class IT. LOM ORCHY NDB. LOM unusable 140°–210° byd 11 NM.
ILS/DME 108.5 I–PZV Chan 22 Rwy 31. LOC only. LOC unusable byd 18° right side of course.
LDA/DME 111.15 I–TKD Chan 48(Y) Rwy 22. LOC course unusable inbound 2 DME. LOC unusable byd 25° left side of course. LOC unusable byd 20° right side of course.

HELIPAD H1: H60X60 (ASPH) PERIMETER LIGHTS
HELIPORT REMARKS: H1 located intersection Twy BB and Twy F. Helicopter pad located at the intersection of Twy D, Twy F and Twy Y clsd indef.

NEW YORK SKYPORTS INC SPB (6N7) 0 E UTC–5(–4DT) N40°44.04′ W73°58.37′ **NEW YORK**
00 NOTAM FILE ISP **COPTER**
WATERWAY N–S: 10000X1000 (WATER)
SEAPLANE REMARKS: Attended 1300Z‡–dusk. Landing fee. No tie–downs and no overnight stays avbl. Pilots must complete a proving flight with an authorized member of the N.E. Seaplanes Pilots Association prior to seaplane base use. 3–bladed props rqrd on all seaplanes. Located 1.7 south New York City Columbus Circle. Pilots rqr not to fly over the 59th Street Bridge. East River–velocity 2.6 miles per hr in south southwest direction. Heavy boat tfc in river. Pilots required to taxi 1000 ft offshore on Manhattan side before beginning tkf.
COMMUNICATIONS: CTAF 122.9

WEST 30TH ST HELIPORT (JRA) 0 N UTC−5(−4DT) **NEW YORK COPTER**

N40°45.27′ W74°00.43′

7 **FUEL** JET A NOTAM FILE ISP

HELIPAD H1: H44X44 (ASPH) S–6

HELIPAD H1: Rgt tfc.

HELIPAD H2: H44X44 (ASPH) S–6

HELIPAD H2: Rgt tfc.

HELIPAD H3: H44X44 (ASPH)

HELIPAD H4: H44X44 (ASPH)

HELIPAD H5: H37X37 (ASPH)

HELIPAD H6: H37X37 (ASPH)

HELIPAD H7: H37X37 (ASPH)

HELIPAD H8: H44X44 (ASPH)

HELIPAD H9: H44X44 (ASPH)

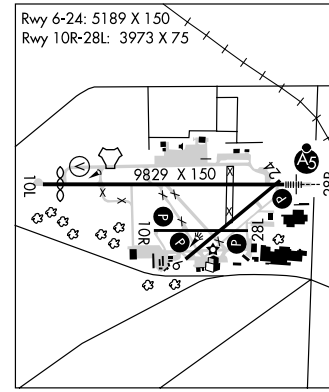
HELIPAD H10: H44X44 (ASPH)

HELIPAD H11: H44X44 (ASPH)

HELIPORT REMARKS: Attended continuously. North and south finger pier pads are CLOSED. +40′ lgts located at south end of heliport. +10′ fencing located along east edge of heliport and between ldg spots 2 and 3. All tkfs and ldgs made over Hudson River. Fire alarm box to nearby firehouse located at facility. All helipads, Rwy H–1 to H–11 circular. H–8 marked as H–A. H–9 marked as H–13. H–10 marked as H–C. H–11 marked as H–D. Helipad H3 no ingress/egress over 12th Avenue. Parking available. Helipad H1 perimeter lgts.

COMMUNICATIONS: CTAF/UNICOM 123.05

NIAGARA FALLS INTL (IAG)(KIAG) CIV/MIL/AFRC/ANG 4 E UTC−5(−4DT) N43°06.44′ W78°56.77′ **DETROIT**
589 B S2 **FUEL** 100LL, JET A LRA ARFF Index—See Remarks **H–10H, 11B, L–31E**
NOTAM FILE IAG **IAP, DIAP, AD**



RWY 10L–28R: H9829X150 (ASPH–CONC–GRVD) S–75, D–140, DT–240, DDT–800 PCN 38 R/B/W/T
HIRL
RWY 10L: VASI(V4L)—GA 3.0° TCH 53′. Thld dsplcd 700′. Tree.
RWY 28R: MALSR. Tree.
RWY 06–24: H5189X150 (ASPH) S–60, D–70, DT–100, ST–110, TT–145, SBTT–281, TDT–415, TRT–252
PCN 24 F/D/Y/T MIRL
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 48′. Tree.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 36′. Tree.
RWY 10R–28L: H3973X75 (ASPH) S–12.5, D–25
PCN 10 F/C/Y/T MIRL
RWY 10R: REIL. PAPI(P2L)—GA 3.3°TCH 31′. Tree.
RWY 28L: REIL. PAPI(P2L)—GA 3.1° TCH 30′. Stack.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06:	TORA–5189	TODA–5189	ASDA–5189	LDA–5189
RWY 10L:	TORA–9829	TODA–10829	ASDA–9829	LDA–9129
RWY 10R:	TORA–3973	TODA–3973	ASDA–3973	LDA–3973
RWY 24:	TORA–5189	TODA–5189	ASDA–5189	LDA–5189
RWY 28L:	TORA–3973	TODA–3973	ASDA–3973	LDA–3973
RWY 28R:	TORA–9829	TODA–10529	ASDA–9129	LDA–9129

MILITARY SERVICE: JASU 2(A/M32A–86) 1(AM32A–60) 1(MA–1A) **FUEL** J8(Mil) A, A+ (Niagara Falls Aviation doing business as Tech Aviation, C716–298–9307.) **FLUID** SP LOX
OIL O–148(Mil)

AIRPORT REMARKS: Attended continuously. CAUTION: Heavy concentrations of gulls, blackbirds, starlings up to 5000′ AGL on and invof arpt. Class I, ARFF Index B. ARFF Index E equipment coverage provided. Acft with seating capacity in excess of 30 passenger authorized only use of Rwy 10L–28R. Extensive aircraft activity operating invof US/Canadian falls all altitudes. Night vision device ops periodically conducted in the arpt tfc area. Military assault landing zone and basic markings with aiming points Rwy 06. Military assault landing zone and basic markings with aiming points Rwy 24. Rwy 28 rollout end of rwy—last 900′ not grvd. Twy E clsd indef from Rwy 10L–28R to Rwy 06–24. Twy E restricted to 12,500 pounds or less. Twy E pavement spalling between Twy C and Twy D. Twy E clsd permanently btn Twy C and Twy D. When twr clsd ACTIVATE MALSR Rwy 28R HIRL 10L–28R, MIRL Rwy 06–24, MIRL Rwy 10R–28L, REIL and PAPI Rwy 06, Rwy 24, Rwy 10R, and Rwy 28L and twy lgts—CTAF. SSALR Rwy 28R preset med ints. Ldg fee. Parking fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Recommended VFR Flight Procedures.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** All military acft opr rstd during Bird Watch Condition Moderate (tkf and ldg permission only when dep/arr route avoids identified bird activity, no local IFR/VFR tfc pattern activity) and Severe (tkf and ldg prohibited without OG/CC approval), ctc Comd Post for current Bird Watch Condition. **CSTMS/AG/IMG** Avbl for all Mil with 72 hr prior notice. Crew, passenger, cargo origin, destination and pre–cleared information rqr 1 hr prior ldg. Ctc 914th OSF, SSI/OSA DSN 238–2176, C717–236–2176, fax DSN 238–2380, C716–236–2380 for rstd information and rqr ppr. **MISC** Local mission acft have priority for de–icing; full acft de–icing for C–17 and C–5 acft not avbl. All military acft only minimal classified materials avbl, aircrews should arrive with appropriate amount to complete their mission. For current Mil Rwy Condition Reading (RCR) call or ctc 914 AW comdpost, 914 AW base ops, or 107 ANG comd post. **AFRC** PPR ctc Base OPS DSN 238–2176 during normal duty hrs Mon–Fri 1215–2100Z‡ except holidays, and Unit Training Assembly (UTA). Base OPS svc Sun 1230–2130Z‡, Mon–Fri 1200–0400Z‡ (except Federal holidays), clsd Sat except 914 AW UTA. Minimum altitude over Niagara Falls scenic falls is 3500′. No fleet svc avbl. **ANG** PPR, ctc 107th Comd Post DSN 238–3470 during normal duty hrs weekdays 1200–2130Z‡, except holidays.

WEATHER DATA SOURCES: ASOS (C 716) 297–6984.

COMMUNICATIONS: CTAF: 118.5 **ATIS** 120.8 269.4 **UNICOM** 122.95 **PTD** (HORSESHOE) 371.25
Ⓡ **BUFFALO APP DEP/CON** 126.5 317.6
TOWER 118.5 349.0 (1200–0400Z‡) **GND CON** 121.7 257.8 **CLNC DEL** 119.25 251.1
914 AG COMD POST (CARBONATE) 340.025 **ANG OPS** (FUZZY) 261.9

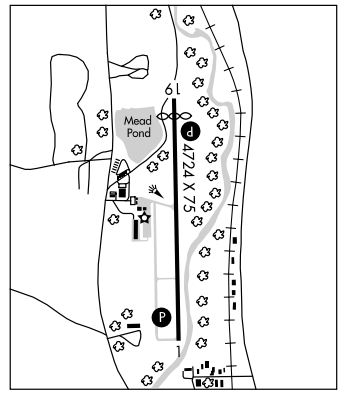
AIRSPACE: CLASS D svc 1200–0400Z‡ other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
BUFFALO (H) VOR/DME 116.4 BUF Chan 111 N42°55.74′ W78°38.78′ 317° 17 NM to fld. 730/8W.
(T) TACAN Chan 47 IAG (111.0) N43°06.75′ W78°57.61′ at fld. 600/10°W.
KATHI NDB (LOM) 329 IA N43°06.54′ W78°50.30′ 279° 4.7 NM to fld. Unmonitored when twr clsd.
ILS 110.1 I–IAG Rwy 28R. Class IE. LOM KATHI NDB. Unmonitored when twr clsd.

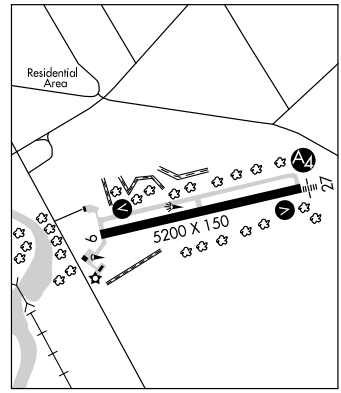
NORTH BUFFALO SUBURBAN (See LOCKPORT)

NORWICH

LT. WARREN EATON (OIC) 2 N UTC−5(−4DT) N42°33.99′ W75°31.45′ **NEW YORK**
1025 B S4 **FUEL** 100LL, JET A OX 4 NOTAM FILE OIC **L–32F**
RWY 01–19: H4724X75 (ASPH–GRVD) S–30 HIRL 0.3% up N **IAP**
RWY 01: REIL. PAPI(P2L)—GA 4.0° TCH 40′.
RWY 19: REIL. PAPI(P2L)—GA 3.00° TCH 38′. Thld displaced 440′. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA–4724 TODA–4724 ASDA–4390 LDA–4205
RWY 19: TORA–4724 TODA–4724 ASDA–4539 LDA–4205
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡, Sat–Sun 1300–2100Z‡. CLOSED Christmas. Geese and deer on and invof arpt. Rwy 19 has 15 ft dropoff 30 ft from thld on west side. Rwy safety areas have depressions in surface. ACTIVATE HIRL Rwy 01–19, PAPI and REIL Rwy 01 and Rwy 19—CTAF. South parallel twy not lgtd. Overnight tie–down fee.
WEATHER DATA SOURCES: AWOS–3 119.025 (607) 336–8583.
COMMUNICATIONS: CTAF/UNICOM 122.8
ROCKDALE RCO 122.1R 112.6T (BUFFALO RADIO)
BOSTON CENTER APP/DEP CON 133.25
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
ROCKDALE (L) VOR/DME 112.6 RKA Chan 73 N42°27.98′ W75°14.35′ 307° 14 NM to fld. 2032/11W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



OGDENSBURG INTL (OGS) 2 SE UTC−5(−4DT) N44°40.91′ W75°27.93′ **MONTREAL**
297 B **FUEL** 80, 100LL, JET A AOE Class II, ARFF Index A NOTAM FILE OGS **H–11C, 12J, L–32G**
RWY 09–27: H5200X150 (ASPH–GRVD) S–44, D–50, DT–77 HIRL **IAP**
RWY 09: VASI(V4L)—GA 3.0° TCH 39′. Tree.
RWY 27: MALS. VASI(V4L)—GA 3.0° TCH 52′. Tree.
AIRPORT REMARKS: Attended Mon–Fri 1300–2130Z‡. For attendant after 2130Z‡ call 315–393–1022. Self service 100LL avbl 24 hrs daily. Birds and deer on or invof arpt. ACTIVATE HIRL Rwy 09–27, MALS Rwy 27, VASI Rwys 09 and 27, and twy lgts—CTAF. PPR 24 hours for air carrier ops with more than 30 passenger seats; call arpt manager 315–393–4721. Ldg fee. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: AWOS–3 118.525 (315) 393–8982.
COMMUNICATIONS: CTAF/UNICOM 122.8
OGDENSBURG RCO 122.4 (BURLINGTON RADIO)
BOSTON CENTER APP/DEP CON 135.25
RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.
MASSENA (H) VORTACW 114.1 MSS Chan 88 N44°54.86′ W74°43.36′ 261° 34.7 NM to fld. 200/14W. **HIWAS.**
OGIVE NDB (LOM) 358 OG N44°42.09′ W75°21.18′ 269° 5.0 NM to fld. Unmonitored.
ILS/DME 110.7 I–OGS Chan 44 Rwy 27. LOM OGIVE NDB. LOC only. LOC and LOM unmonitored.



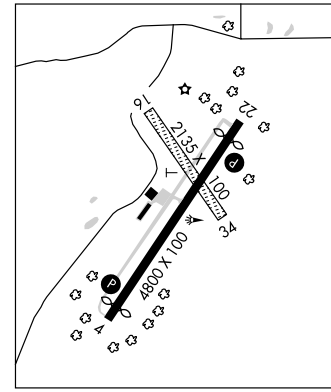
OGIVE N44°42.09′ W75°21.18′ NOTAM FILE OGS.
NDB (LOM) 358 OG 269° 5.0 NM to Ogdensburg Intl. Unmonitored.

OLCOTT–NEWFANE (D8Ø) 2 SW UTC−5(−4DT) N43°19.25′ W78°43.74′ **DETROIT**
315 B S4 **FUEL** 80, 100LL, MOGAS NOTAM FILE BUF
RWY 06–24: 2408X30 (TURF–GRVL) LIRL
RWY 06: Trees. **RWY 24:** Brush.
RWY 09–27: 2500X60 (TURF)
RWY 09: Trees. **RWY 27:** Building.
AIRPORT REMARKS: Attended dalgt hours. Arpt CLOSED indef. Ultralight activities on arpt. Deer on and invof arpt. P–line off end of Rwys 24 and 27; +35 ft high as close as 250 ft from rwy end on centerline. Rwy 06–24 has loose aggregate. ACTIVATE LIRL Rwy 06–24—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.7
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

OLEAN N42°17.01′ W78°20.10′ NOTAM FILE OLE. DETROIT
NDB (MHW) 360 LYS 222° 3.0 NM to Cattaraugus Co–Olean. NDB unusable byd 15 NM. SHUTDOWN. L–30I

OLEAN

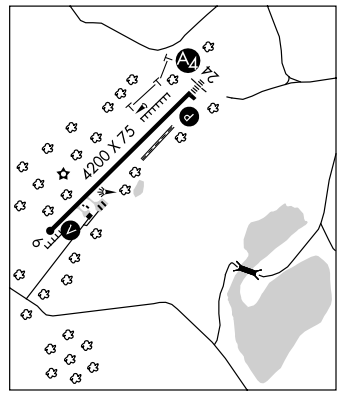
CATTARAUGUS COUNTY–OLEAN (OLE) 10 N UTC−5(−4DT) N42°14.48′ W78°22.28′ DETROIT
2135 B **FUEL** 100LL, JET A NOTAM FILE OLE L–30I
RWY 04–22: H4800X100 (ASPH–GRVD) S–45, D–50, DT–46 HIRL 0.4% up SW IAP
RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Thld dsplcd 100′. Trees.
RWY 22: REIL. PAPI(P4L) TCH 40′. Thld dsplcd 200′. Tree.
RWY 16–34: 2135X100 (TURF) 0.8% up NW
RWY 16: Tree. **RWY 34:** Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–4800 TODA–4800 ASDA–4600 LDA–4500
RWY 22: TORA–4800 TODA–4800 ASDA–4700 LDA–4500
AIRPORT REMARKS: Attended 1300–2100Z‡. Arpt CLOSED holidays. Deer on and invof arpt. Terrain drops off on all rwy ends. Rwy 04 250′x250′ safety area. Rwy 22 225′ wide x 110′ safety area. Rwy 16–34 has reflective edge and thld markings. Rwy 16–34 CLOSED winter months; soft in spring. ACTIVATE HIRL Rwy 04–22 and REIL and PAPI Rwys 04 and 22—CTAF. Snow plowing and braking action and field condition reports not avbl when arpt is not attended.



WEATHER DATA SOURCES: AWOS–3 118.375 (716) 557–2001.
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEVELAND CENTER APP/DEP CON 124.325
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
WELLSVILLE (L) VORTAC 111.4 ELZ Chan 51 N42°05.38′ W77°59.97′ 302° 19 NM to fld. 2296/09W.
OLEAN NDB (MHW) 360 LYS N42°17.01′ W78°20.10′ 222° 3.0 NM to fld. NOTAM FILE OLE.
NDB unusable byd 15 NM. SHUTDOWN.
ILS 109.3 I–OLE Rwy 22. LOC only.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

GIERMEK EXECUTIVE (8G3) 2 SE UTC−5(−4DT) N42°04.12′ W78°24.27′ DETROIT
1420 NOTAM FILE BUF
RWY 10–28: 3150X80 (TURF)
RWY 10: Trees. **RWY 28:** Trees.
AIRPORT REMARKS: Attended Mon–Fri 2200–0100Z‡, Sat–Sun 1300–2100Z‡. Deer crossing evenings. Rwy not snow plowed. Call 716–307–8966 or 716–307–3581 for conditions. Rwy 10–28 1–2′ deep depression/rut located 50′ from beginning of Rwy 10 rgt of centerline across rwy. Rwy 10–28 width varies 80–100′. Rwy 10–28 edges marked with white cones. Arpt CLOSED nights.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

ONEONTA MUNI (N66) 3 N UTC−5(−4DT) N42°31.49′ W75°03.87′ — NEW YORK
1763 B S4 **FUEL** 100LL, JET A NOTAM FILE BUF — L–32G, 33A
RWY 06–24: H4200X75 (ASPH) S–12 MIRL 0.3% up SW — IAP
RWY 06: REIL. VASI(V4R)—GA 3.0° TCH 55′. Tree.
RWY 24: MALS. REIL. PAPI(P2L). Trees.
AIRPORT REMARKS: Attended 1300–2200Z‡. Bcn twr partially obscured by trees. Rwy 24 REIL OTS indef. ACTIVATE REIL Rwy 06–24, VASI Rwy 06, PAPI Rwy 24, and MALS Rwy 24–122.8. MIRL Rwy 06–24 opr SS–SR.
WEATHER DATA SOURCES: AWOS–3 119.575 (607) 643–0253.
COMMUNICATIONS: CTAF/UNICOM 122.8
ROCKDALE RCO 122.1R 112.6T (BUFFALO RADIO)
BOSTON CENTER APP/DEP CON 133.25
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
ROCKDALE (L) VOR/DME 112.6 RKA Chan 73 N42°27.98′ W75°14.35′ 077° 8.5 NM to fld. 2032/11W.
KRING NDB (LOM) 279 0Z N42°35.08′ W74°59.18′ 236° 5.0 NM to fld.
ILS 108.9 I–0ZX Rwy 24 LOM KRING NDB. LOC only. LOC unusable 0.6 NM inbound to thld.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



ORANGE CO (See MONTGOMERY)

ORCHY N40°51.98′ W73°48.21′ NOTAM FILE LGA.
NDB (LOM) 385 UR 222° 6.2 NM to La Guardia. Unusable 140°–210° beyond 11 NM.

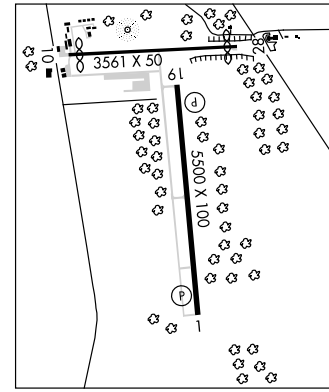
OSWEGO CO (See FULTON)

OTIMS N41°26.71′ W74°17.47′ NOTAM FILE ISP.
NDB (LOM) 353 MG 031° 4.1 NM to Orange Co.

OVID (D82) 2 SE UTC−5(−4DT) N42°39.29′ W76°47.78′ — NEW YORK
1062 NOTAM FILE BUF
RWY 01R–19L: 2800X40 (ASPH–GRVL)
RWY 01R: Trees. **RWY 19L:** Trees.
RWY 01L–19R: 2200X60 (TURF)
RWY 01L: Trees. **RWY 19R:** Trees.
AIRPORT REMARKS: Attended Apr–Nov dawn–dusk, Dec–Mar call arpt manager at 607–869–5601. Parachute Jumping. Arpt CLOSED to transient acft 1 Dec–1 May (yearly). Turf Rwy 19R thld begins 470′ byd paved Rwy 19L thld. Rwy 01L–19R soft and wet Mar–Jun. Use Rwy 19L for calm wind ldgs. Rwy 19L slopes uphill.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

PAWLING N41°46.19′ W73°36.03′ NOTAM FILE ISP. — NEW YORK
(L) VORW/DME 114.3 PWL Chan 90 246° 27.1 NM to Stewart Intl. 1250/12W. — H–10I, L–33B, 34I

PENN YAN (PEO) 1 S UTC−5(−4DT) N42°38.23′ W77°03.17′ **DETROIT**
990 B S4 **FUEL** 100LL, JET A OX 2 NOTAM FILE PEO **H–11C, 12J, L–30J, 32F**
RWY 01–19: H5500X100 (ASPH–GRVD) S–45, D–60 MIRL 1.3% up S **IAP**
RWY 01: REIL. PAPI(P2L). **RWY 19:** REIL. PAPI(P2L).
RWY 10–28: H3561X50 (ASPH) S–12 LIRL 1.6% up E
RWY 10: Thld dsplcd 361′. Road.
RWY 28: Thld dsplcd 384′. Berm.
AIRPORT REMARKS: Attended Mon–Fri 1200–0500Z‡, Sat and Sun on call. ACTIVATE MIRL Rwy 01–19—CTAF.
WEATHER DATA SOURCES: ASOS 121.175 (315) 536–4102.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **ELMIRA APP/DEP CON** 124.3 (1100–0500Z‡)
CLEVELAND CENTER APP/DEP CON 127.475 (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.
ITHACA (L) VOR/DME 111.8 ITH Chan 55 N42°29.70′ W76°27.60′ 298° 27.6 NM to fld. 1102/10W.
NDB (MHW) 260 PYA N42°38.64′ W77°03.37′ at fld. NOTAM FILE PEO. Unmonitored.
COMM/NAV/WEATHER REMARKS: CInc del thru Flight Services 1–888–766–8267.

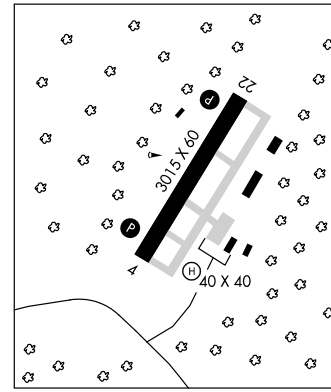


PERRY–WARSAW (Ø1G) 3 NW UTC−5(−4DT) N42°44.48′ W78°03.13′ **DETROIT**
1558 B S4 **FUEL** 100LL TPA—2349(791) NOTAM FILE BUF **L–30I, 31E, 32F**
RWY 10–28: H3472X60 (ASPH) MIRL
RWY 10: REIL. Brush. **RWY 28:** REIL. Thld dsplcd 338′. Tree.
RWY 04–22: 1830X60 (TURF)
AIRPORT REMARKS: Attended irregularly. Fuel avbl 24 hrs self serve and credit card only. First 700 ft Rwy 10 slopes uphill. Rwy 28 200 ft from thld has 8 ft dropoff both sides. Rwy 04 safety area drops off 100′ before rwy beginning, at 125′ left and right of centerline. Rwy 04–22 soft and wet during Mar–Jun. Rwy 04–22 safety area has variations in surface/depressions. Rwy 22 36′ + trees penetrate primary surface on right side 80′ past rwy beginning, 120′ from centerline. Rwy 04 52′ + trees penetrate primary surface on right side 265′ past rwy beginning, 108′ from centerline. ACTIVATE MIRL Rwy 10–28 and REIL Rwys 10 and 28—CTAF. Parallel twy unlgtd. Turf Rwy 04–22 may be unusable during months Oct–May; call 716–237–9938 for condition.
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
GENESEO (L) VOR/DME 108.2 GEE Chan 19 N42°50.06′ W77°43.97′ 258° 15.2 NM to fld. 990/09W.
COMM/NAV/WEATHER REMARKS: CInc del thru Flight Services 1–888–766–8267.

PHILMONT N42°15.19′ W73°43.40′ NOTAM FILE BTV. **NEW YORK**
NDB (MHW) 272 PFH 027° 2.4 NM to Columbia Co. **L–33B, 34I**

PINE HILL (See ALBION)

PISECO (KØ9) 1 N UTC−5(−4DT) N43°27.20′ W74°31.06′ **NEW YORK**
1703 **FUEL** 100LL NOTAM FILE BUF **L–32G**
RWY 04–22: H3015X60 (ASPH) S–8 MIRL
RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 45′. Rgt tfc. Road.
RWY 22: REIL. PAPI(P2R). Trees.
AIRPORT REMARKS: Attended May–Oct, Fri–Sun 1400–2200Z‡. Airport unattended Nov–Apr. Large birds, deer, bears occasionally invof rwy during summer months. Expect turbulence and downdrafts during periods of strong crosswinds. Area not maintained for ski equipped acft. Rwy 04–22 may be unusable due to snow accumulation Nov–Apr. Check NOTAMS or call 518–548–3415/6459/8794 for airfield conditions. Acft departing Rwy 22 are requested to maintain rwy heading until past Island checkpoint, prior to making left turn. Acft arriving maintain rgt downwind heading until past Island checkpoint. ACTIVATE MIRL Rwy 04–22, REIL Rwy 04 and Rwy 22, PAPI Rwy 04 and Rwy 22 and helipad perimeter lgts—CTAF. Rwy lgts (electric eye over-ride).
COMMUNICATIONS: CTAF/UNICOM 122.8
UTICA RCO 122.65 122.2 122.1R 111.2T (BUFFALO RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE UCA.
UTICA (L) VORTAC 111.2 UCA Chan 49 N43°01.59′ W75°09.87′ 060° 38.2 NM to fld. 1420/12W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



HELIPAD H1: H40X40 (ASPH)
HELIPAD H1: LDIN.
HELIPORT REMARKS: Helipad H1 perimeter lgts

PLATEAU SKY RANCH (See EDINBURG)

PLATTSBURGH N44°41.10′ W73°31.36′ NOTAM FILE PBG. **MONTREAL**
(H) VORTAC 116.9 PLB Chan 116 at Clinton Co. 343/15W. **H–11C, 12K, L–32G**
VOR portion unusable:
261°–024° blo 6000′
DME unusable:
261°–024° byd 33 NM blo 7000′
RCO 122.1R 116.9T (BURLINGTON RADIO)

PLATTSBURGH INTL (PBG) 3 S UTC−5(−4DT) N44°39.06′ W73°28.09′ **MONTREAL**
234 B **FUEL** 100LL, JET A TPA—2034(1800) ARFF Index—See Remarks **H–11C, 12K, L–32G**
NOTAM FILE PBG **IAP, AD**
RWY 17–35: H11758X200 (CONC–GRVD) S–119, D–174, ST–175, DT–510, DDT–780 HIRL
RWY 17: ALSF1. REIL. PAPI(P4L)—GA 3.0° TCH 40′. Tree. Rgt tfc. 0.8% down.
RWY 35: MALSR. PAPI(P4L)—GA 3.0° TCH 55′. Tree. 0.5% up.
AIRPORT REMARKS: Attended 1030–0230Z‡. Fld/rwy condition not avbl during unattended periods. During periods of snow removal ops Nov 1–May 1 acft ctc 122.7 or 518–565–4015/4016 15 min prior to ldg. Class I, ARFF Index A PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats. Call arpt manager at 518–565–4794. ARFF index B coverage avbl upon request, ctc arpt manager. Acft arriving or departing PBG must announce intentions on CTAF. Expect downdrafts and turbulence during periods of strong cross winds. Rwy 17 sequence flashing lgts OTS indef. ACTIVATE HIRL Rwy 17–35, ALSF1 Rwy 17, MALSR Rwy 35 REIL Rwy 17, and twy lgts—CTAF. Landing fee. No landing fee for government acft.
WEATHER DATA SOURCES: ASOS 132.225 (518) 324–5207.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **BURLINGTON APP/DEP CON** 121.1 (1045–0500Z‡) **CLNC DEL** 121.85
Ⓡ **BOSTON CENTER APP/DEP CON** 120.35 (0500–1045Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE PBG.
(H) VORTAC 116.9 PLB Chan 116 N44°41.10′ W73°31.36′ 146° 3.1 NM to fld. 343/15W.
ILS/DME 109.7 I–FQV Chan 34 Rwy 35. Class IE.

PLAZZ N42°52.43′ W78°48.99′ NOTAM FILE BUF. **DETROIT**
NDB (LOM) 204 GB 052°5.5 NM to Buffalo Niagara Intl. **L–31E**

PORT WASHINGTON

SANDS POINT SPB (7N3) 2 NW UTC−5(−4DT) N40°50.26′ W73°42.97′ — NEW YORK COPTER

00 NOTAM FILE ISP

WATERWAY 01–19: 6000X300 (WATER)

WATERWAY 12–30: 6000X300 (WATER)

SEAPLANE REMARKS: Attended 1330Z‡–dusk. Numerous +60′ sailboats and masts.

COMMUNICATIONS: CTAF 122.9

POTSDAM MUNI (DAMON FLD) (PTD) 2 E UTC−5(−4DT) N44°40.60′ W74°56.91′ — MONTREAL L–32G IAP

474 B S4 **FUEL** 100LL TPA—1274(800) NOTAM FILE PTD

RWY 06–24: H3705X60 (ASPH) S–30 MIRL

RWY 06: REIL. PAPI(P2L)–GA 3.0° TCH 45′. Tree. **RWY 24:** REIL. PAPI(P2L)–GA 3.0° TCH 45′. Tree.

AIRPORT REMARKS: Unattended. Fuel 24 hr self–serve. Rwy condition not monitored, recommend visual inspection prior to use. Deer on and invof arpt. Expect flt training ops invof arpt. Noise abatement procedures in effect, call arpt manager for details at 315–268–1000. ACTIVATE MIRL Rwy 06–24; REIL Rwys 06 and 24; PAPI Rwys 06 and 24, and twy lgts—CTAF.

WEATHER DATA SOURCES: AWOS–3 118.325 (315) 265–6106.

COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 135.25

RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.

MASSENA (H) VORTACW 114.1 MSS Chan 88 N44°54.86′ W74°43.36′ 228° 17.2 NM to fld. 200/14W. **HIWAS.**

NDB (MHW) 400 PTD N44°43.40′ W74°52.96′ 239° 4 NM to fld. NOTAM FILE BTV.

POUGHKEEPSIE N41°37.60′ W73°53.03′ — NEW YORK L–33B, 34I

RCO 122.2 122.4 (NEW YORK RADIO)

POUGHKEEPSIE

DUTCHESS CO (POU) 4 S UTC−5(−4DT) N41°37.59′ W73°53.05′ **NEW YORK**

165 B S4 **FUEL** 100LL, JET A TPA—See Remarks ARFF Index—See Remarks. **H–10I, 12J, L–33B, 34I**

NOTAM FILE POU **IAP, AD**

RWY 06–24: H5001X100 (ASPH–GRVD) S–50, D–60, DT–110 HIRL

RWY 06: MALSR. PAPI(P4L)—GA 3.00° TCH 57. Tree.

RWY 24: REIL. PAPI(P4L)—GA 3.25° TCH 57. Thld dsplcd 113′. Tree.

RWY 15–33: H2743X100 (ASPH–CONC) S–35, D–45, DT–80 MIRL

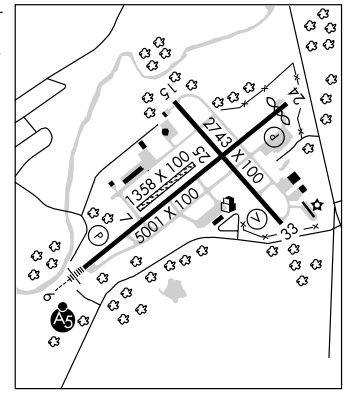
0.3% up SE

RWY 15: Trees.

RWY 33: REIL. VASI(V4L)—GA 3.75° TCH 64′. Trees.

RWY 07–25: 1358X100 (TURF–DIRT)

RWY 25: Antenna.



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 06	15–33	3150

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06:	TORA–5001	TODA–5001	ASDA–5001	LDA–5001
RWY 07:	TORA–1358	TODA–1358	ASDA–1358	LDA–1358
RWY 15:	TORA–2743	TODA–2743	ASDA–2743	LDA–2743
RWY 24:	TORA–5001	TODA–5001	ASDA–5001	LDA–4888
RWY 25:	TORA–1358	TODA–1358	ASDA–1358	LDA–1358
RWY 33:	TORA–2743	TODA–2743	ASDA–2743	LDA–2743

ARRESTING GEAR/SYSTEM

RWY 06: EMAS

AIRPORT REMARKS: Attended 1200–0230Z‡. For after hrs fuel svcs, ctc business office during business hrs at 845–463–6000. Rwy 15–33 CLOSED to air carrier acft. Rwy 07–25 CLOSED ngts and during instrument meteorological conditions and from Nov 1–Apr 15. Rwy 07–25 restricted to acft less than 12,500 lbs. Deer and birds on and invof arpt. No touch and go ldg and no practice instrument apch for acft over 12,500 lbs between 0400–1200Z‡. 50 ft drop 100 ft from Rwy 06 thld. Noise abatement procedures in effect. TPA—1199(1034) small acft 1999(1834) large acft. Rwy 33 use of VASI restricted to category A acft only. Class IV, ARFF Index A. PPR 24 hrs for air carrier ops with more than 30 passenger seats call arpt manager 845–463–6000. Index B coverage is provided. Twy B–1, ''G'' T–hanger taxilane, and ''J'' T–hanger taxilane clsd to air carrier acft. Ground soft in tie down areas. Rwy 07 edges marked with reflectors. When twr clsd ACTIVATE HIRL Rwy 06–24, REILS Rwy 24, MALSR Rwy 06—CTAF. Ldg fee for multi–engine acft.

WEATHER DATA SOURCES: ASOS 126.75 (845) 462–0648. LAWRS

COMMUNICATIONS: CTAF 124.0 **ATIS** 126.75 **UNICOM** 122.95

POUGHKEEPSIE RCO 122.2 122.4 (NEW YORK RADIO)

Ⓡ **NEW YORK APP/DEP CON** 132.75

TOWER 124.0 (15 May–14 Sep 1200–0300Z‡, 15 Sep–14 May 1200–0200Z‡) **GND CON** 121.8 **CLNC DEL** 121.8

AIRSPACE: CLASS D svc 15 May–14 Sep 1200–0300Z‡, 15 Sep–14 May 1200–0200Z‡, other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93′ W73°49.33′ 242° 3.6 NM to fld. 580/12W. **HIWAS.**

ILS 111.3 I–POU Rwy 06. Class IA. LOC/GS unmonitored Sep 15–May 14 0200–1200Z‡ and May 15–Sep 14 0300–1200Z‡.

PRATT'S EASTERN DIVIDE (See SHERMAN)

QUAKER STREET

KNOX (N65) 1SE UTC−5(−4DT) N42°43.77′ W74°09.84′ **NEW YORK**

1130 S4 TPA—1930(800) NOTAM FILE BTV

RWY 09–27: 2750X60 (TURF)

RWY 09: Tree. **RWY 27:** Trees. Rgt tfc.

AIRPORT REMARKS: Attended irregularly. For svcs call 518–895–8140. Phone 518–895–8140 for fld conditions. Parachute Jumping. Rwy 27 has 400′ by 26′ mowed overrun/runup area at slight angle to rwy centerline. Rwy 27 thld unmarked.

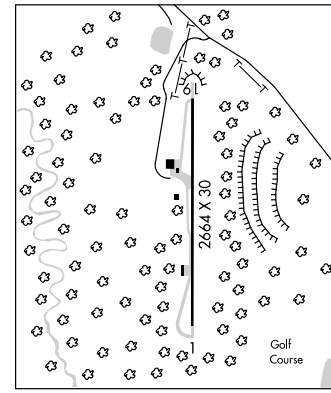
COMMUNICATIONS: CTAF 122.9

RANDALL (See MIDDLETOWN)

RANDOLPH (D85) 2 W UTC−5(−4DT) N42°09.25′ W79°00.99′ **DETROIT**
1665 NOTAM FILE BUF
RWY 08–26: 2495X80 (TURF)
RWY 08: Brush. **RWY 26:** Brush.
AIRPORT REMARKS: Attended irregularly. Deer on and invof arpt occasionally at dusk and early morning. + 15′ brush along south edge of rwy, 50–60′ from centerline. Rwy 08 has + 44′ tree, 20′ from rwy end, 75′ right of centerline, + 63′ tree, 135′ from rwy end, 115′ right of centerline, + 63′ trees, 520′ from rwy end, 125′ right of centerline. Rwy 26 has + 82′ trees, 760′ from rwy end, across rwy centerline. Limited visibility down runway, cannot see aircraft on rwy end from opposite rwy end.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: CLNC DEL thru Flight Services 1–888–766–8267.

RED HOOK

SKY PARK (46N) 2 E UTC−5(−4DT) N41°59.08′ W73°50.16′ **NEW YORK**
323 TPA–1523(1200) NOTAM FILE ISP **L–33B, 34I**
RWY 01–19: H2664X30 (ASPH) S–30 0.3% up S **IAP**
RWY 01: Trees. **RWY 19:** Trees.
AIRPORT REMARKS: Unattended. Call at least three (3) hours prior minimum for PPR at 845–352–3924. Rwy safety areas have dropoffs and rough terrain. Rwy 01–19 pavement has small potholes and loose aggregate. Parallel twy constructed of dirt and grvl. Trees within 20′ of centerline east of parallel twy south of midpoint. Parking fee weekends during air show at Rhinebeck.
COMMUNICATIONS: CTAF 122.9
Ⓡ **NEW YORK APP/DEP CON** 132.75
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93′ W73°49.33′ 010°19.1 NM to fld. 580/12W. **HIWAS.**



RENSSELAER CO (See TROY)

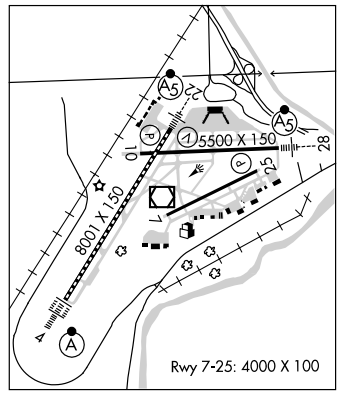
REPUBLIC (See FARMINGDALE)

ROCHESTER N43°07.08′ W77°40.37′ NOTAM FILE ROC. **DETROIT**
(L) VOR/DME 110.0 ROC Chan 37 at Greater Rochester Intl. 549/12W. **H–10H, 11C, 12J, L–31E, 32F**
RCO 122.6 (BUFFALO RADIO)

ROCHESTER

GREATER ROCHESTER INTL (ROC) 3 SW UTC−5(−4DT) N43°07.13′ W77°40.34′ **DETROIT**
559 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks AOE **H–10H, 11C, 12J, L–31E, 32F**
Class I, ARFF Index C NOTAM FILE ROC **IAP, AD**

RWY 04–22: H8001X150 (ASPH–GRVD) S–126, D–160, ST–175, DT–265 PCN 52 R/C/X/T HIRL CL
RWY 04: ALSF2. TDZL. Trees. 0.3% up.
RWY 22: MALSR. VASI (V4L)—GA 3.0°TCH 52′. Tree. Rgt tfc. 0.5% down.
RWY 10–28: H5500X150 (ASPH–GRVD) S–126, D–160, ST–175, DT–265 PCN 52 F/C/X/T HIRL
RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 54′. Trees. Rgt tfc.
RWY 28: MALSR. Fence.
RWY 07–25: H4000X100 (ASPH) S–32, D–42 PCN 12 F/C/X/T MIRL
RWY 07: REIL. Pole. Rgt tfc.
RWY 25: REIL. PAPI(P4R)—GA 3.0° TCH 40′. Tree.
ARRESTING GEAR/SYSTEM
RWY 28: EMAS

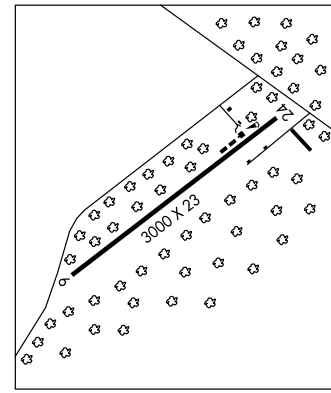


AIRPORT REMARKS: Attended continuously. J8 avbl for DoD acft. Birds, deer and coyote on and invof arpt. Rwy 07–25 CLOSED to jet acft. Be alert during ldg/tkf Rwy 25 and Rwy 28 thlds in close proximity to each other. No practice apchs or maintenance engine run–ups between 0400–1100Z‡. +80′ obstruction lgtd twr 1250′ west of Rwy 04–22 centerline 1000′ south of extended centerline Rwy 10–28. Multiple unshielded lgts in final apch area Rwy 28. Twy A from Twy E to Rwy 28 clsd to acft with wingspan greater than 170′. Twy A2 clsd to heavy acft. Twy L clsd to acft greater than 60,000 lbs. gross takeoff weight. Twy F from Twy J to Rwy 07 clsd to acft with wingspan greater than 100′. TPA—1400(841) small acft, 2000(1441) large acft/turbine. Rwy 07 REIL and Rwy 25 REIL controlled by twr but not monitored. Rwy 10 REIL controlled by tower but not monitored. Flight Notification Service (ADCUS) avbl.
WEATHER DATA SOURCES: ASOS 124.825 (585) 235–7322. WSP.
COMMUNICATIONS: ATIS 124.825 **UNICOM** 122.95
ROCHESTER RCO 122.6 (BUFFALO RADIO)
Ⓡ **APP CON** 119.55 (330°–160°) 123.7 (161°–329°) Ⓡ**DEP CON** 119.55 (330°–160°) 123.7 (161°–329°) 127.325
TOWER 118.3 **GND CON** 121.7 **CLNC DEL** 118.8 **PRE–TAXI CLNC** 118.8
AIRSPACE: CLASS C svc continuous, ctc **APP CON**
RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.
ROCHESTER (L) VOR/DME 110.0 ROC Chan 37 N43°07.08′ W77°40.37′ at fld. 549/12W.
AVON NDB (MHW) 344 AVN N43°00.60′ W77°46.16′ 042° 7.8 NM to fld.
BREIT NDB (LOM) 400 RO N43°07.59′ W77°33.24′ 275° 5.2 NM to fld.
ILS 110.7 I–MCU Rwy 04. Class IIE.
ILS 110.7 I–MWD Rwy 22. Class IB. Middle Marker and Outer Marker unmonitored.
ILS 109.5 I–ROC Rwy 28. Class IT. LOM BREIT NDB.

ROCKDALE N42°27.98′ W75°14.35′ NOTAM FILE BUF. **NEW YORK**
(L) VOR/DME 112.6 RKA Chan 73 230°12.6 NM to Sidney Muni. 2032/11W. **H–10I, 11C, 12J, L–32F, 33A**
RCO 122.1R 112.6T (BUFFALO RADIO)

ROME

BECKS GROVE (K16) 8 NW UTC−5(−4DT) N43°15.05′ W75°36.26′ **NEW YORK**
450 NOTAM FILE BUF **L–32F**
RWY 06–24: H3000X23 (ASPH) S–12 LIRL (NSTD)
RWY 06: Trees/brush. **RWY 24:** Road.
AIRPORT REMARKS: Attended Mon–Fri dalgt hours. Large birds (turkeys) and deer on and invof Rwy 06–24. Rwy 24 has +29′ brush 490′ from thld, 11′ right. Center 23′ of rwy is paved for full length and 90′ width is avbl between rwy lgts for tkof and ldg. Note that bldg, bushes are 45–55′ north of centerline at 675′ from Rwy 24 thld. NSTD LIRL Rwy 06–24 200′ spacing; first lgt rwy end 06 100′ from pavement end. First lgt rwy end 24 75′ from pavement end; removed from late Oct–mid Apr due to plowing. Rwy lgts are 34′ from rwy pavement edge and mark edge of 90′ usable width. First three rwy lgts each end are red for night apch assistance and end of rwy warning, entire rwy length is usable for start of tkf run and end of ldg roll–out. For NSTD LIRL Rwy 06–24 call 315–337–3367.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



GRIFFISS INTL (RME) 1 W UTC−5(−4DT) N43°14.03′ W75°24.42′ **NEW YORK**
504 B S4 **FUEL** 100LL, JET A TPA—See Remarks Class IV, ARFF Index A **H–11C, 12J, L–32F**
NOTAM FILE RME **IAP, AD**
RWY 15–33: H11820X200 (CONC–GRVD) S–100, D–240, ST–305, DT–500 PCN 71 R/B/W/T HIRL
RWY 33: ALSF1. PAPI(P4L)—GA 3.0° TCH 50′. Rgt tfc.
AIRPORT REMARKS: Attended continuously. Migratory Bird Alert Aug–Nov and Apr–May. PPR 24 hrs for air carrier ops with more than 30 passenger seats call arpt manager 315–356–0575. Index B coverage is provided for air carrier ops with more than 30 passenger seats. Index C coverage is avbl upon request call arpt manager 315–356–0575. Rwy 15–33 50′wide paved shoulders. Rwy 33 designated calm wind rwy. TPA—2004(1500) piston acft, 2504 (2000) turbine acft. Portions of apron not visible from twr. When twr clsd, ACTIVATE HIRL Rwy 15–33, ALSF1 Rwy 33, and twy lgts —CTAF.
WEATHER DATA SOURCES: ASOS (315) 334–4360.
COMMUNICATIONS: CTAF 118.1 **ATIS** 118.7 **UNICOM** 122.95
Ⓡ **APP/DEP CON** 120.925
TOWER 118.1 (1200–0200Z‡) **GND CON** 121.9
AIRSPACE : CLASS D svc 1200–0200Z‡, other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE UCA.
UTICA (L) VORTAC 111.2 UCA Chan 49 N43°01.59′ W75°09.87′ 331° 16.4 NM to fld. 1420/12W.
ILS 109.1 I–FQY Rwy 15.
ILS 110.1 I–RME Rwy 33. Class IT. LOC unusable byd 6.0 NM from thld abv 4200′. LOC unusable within thld abv 4200′.

ROUND LAKE (W57) 2 E UTC−5(−4DT) N42°55.75′ W73°46.22′ **NEW YORK**
175 NOTAM FILE BTV
RWY 14–32: 2028X76 (TURF)
RWY 14: Trees.
RWY 32: Trees.
AIRPORT REMARKS: Attended on call. Deer on and invof arpt. Arpt CLOSED to itinerant acft Nov–Apr. Rwy 14–32 as 80 ft trees rgt and left of centerline in primary surface. Rwy 14–32 soft during spring (Mar–Jun). Military helicopters and ultralight acft use rwy.
COMMUNICATIONS: CTAF/UNICOM 122.8
155
WATERWAY 14W–32W: 4000X600 (WATER)

ROUSES POINT SPB (K21) 0 E UTC−5(−4DT) N44°59.50′ W73°21.81′ **MONTREAL**
95 **FUEL** MOGAS AOE NOTAM FILE BTV
WATERWAY ALL WAY: 7900X500 (WATER)
SEAPLANE REMARKS: Unattended. Marine 93 octane avbl only. CAUTION: Extensive watercraft activity on and in vicinity of arpt. Landing possible all directions. Call US CUSTOMS prior to arrival at 518–298–8346 or 518–298–7904. Coordinate actual point of ldg at 1–800–827–2851. 1 hour advance notice required.
COMMUNICATIONS: CTAF 122.9

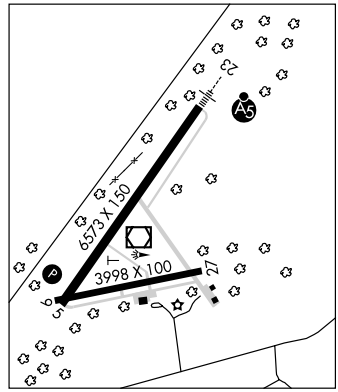
ROYALTON (See GASPORT)

SANDS PONT SPB (See PORT WASHINGTON)

SARANAC LAKE N44°23.07′ W74°12.27′ NOTAM FILE SLK. MONTREAL
(L) VOR/DME 109.2 SLK Chan 29 at Adirondack Rgnl. 1650/14W. L–32G
VOR portion unusable:
252°–037° byd 15 NM blo 10,000′
038°–058° byd 15 NM blo 5000′
038°–058° byd 24 NM blo 10,000′
059°–100° byd 15 NM blo 10,000′
DME portion unusable all radials byd 38 NM blo 5000′
RCO 122.1R 109.2T (BURLINGTON RADIO)

SARANAC LAKE

ADIRONDACK RGNL (SLK) 4 NW UTC−5(−4DT) N44°23.12′ W74°12.37′ MONTREAL
1663 B S8 **FUEL** 100LL, JET A ARFF Index–See Remarks. NOTAM FILE SLK H–11C, 12K, L–32G
RWY 05–23: H6573X150 (ASPH–GRVD) S–40, D–73, ST–92, DT–115 HIRL 0.4% up NE IAP
RWY 05: PAPI(P4L)—GA 3.0° TCH 50′. Trees.
RWY 23: MALSR. Trees.
RWY 09–27: H3998X100 (ASPH) S–40, D–73, ST–92, DT–115
MIRL
RWY 09: Trees. **RWY 27:** Trees.
RUNWAY DECLARED DISTANCE INFORMATION:
RWY 05: TORA–6573 TODA–6573 ASDA–6573 LDA–6573
RWY 09: TORA–3998 TODA–3998 ASDA–3998 LDA–3998
RWY 23: TORA–6573 TODA–6573 ASDA–6333 LDA–6333
RWY 27: TORA–3998 TODA–3998 ASDA–3998 LDA–3998
AIRPORT REMARKS: Attended 1100–0200Z‡. For arpt attendant after hours call 518–637–7329. Class II, ARFF Index A. PPR 48 hr before for unscheduled acft ops with more than 30 passenger seats call arpt manager 518–891–4600 ext 106. Index B coverage is provided. Twy B unavbl to acft with wingspan 79′ and abv. Above ground twy edge lgts adjacent to Twy B tie down apron area. Rwy 09 NSTD markings, thld markings 400′ from rwy end. ACTIVATE HIRL Rwy 05–23, MIRL Rwy 09–27, MALSR Rwy 23, PAPI Rwy 05 and twy lgts—CTAF. Landing fee.

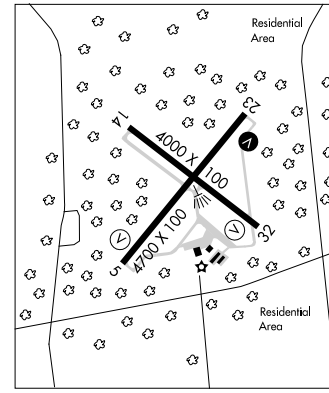


WEATHER DATA SOURCES: ASOS 124.175 (518) 891–6696.
COMMUNICATIONS: CTAF/UNICOM 123.0
SARANAC LAKE RCO 122.1R 109.2T (BURLINGTON RADIO)
BOSTON CENTER APP/DEP CON 120.35
RADIO AIDS TO NAVIGATION: NOTAM FILE SLK.
SARANAC LAKE (L) VOR/DME 109.2 SLK Chan 29 N44°23.07′ W74°12.27′ at fld. 1650/14W.
BRIEL NDB (LOM) 395 SL N44°28.61′ W74°07.45′ 227° 6.5 NM to fld.
ILS 108.9 I–SLK Rwy 23. Class IA. LOM BRIEL NDB. Unmonitored.

SARATOGA CO (See SARATOGA SPRINGS)

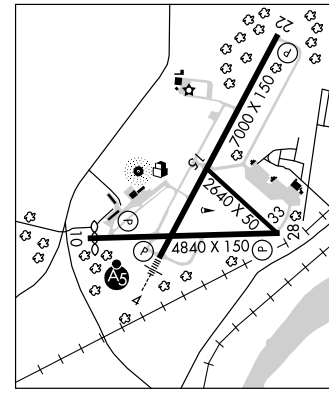
SARATOGA SPRINGS

SARATOGA CO (5B2) 3 SW UTC−5(−4DT) N43°03.04′ W73°51.70′ **NEW YORK**
434 B S4 **FUEL** 100LL, JET A OX 4 TPA—1201(767) LRA NOTAM FILE 5B2 **L–32G**
RWY 05–23: H4700X100 (ASPH–CONC–GRVD) S–30 MIRL **IAP**
RWY 05: REIL. VASI(V4L)—GA 3.0°TCH 47′. Trees.
RWY 23: REIL. VASI(V4L)—GA 3.0°TCH 45′. Trees.
RWY 14–32: H4000X100 (ASPH–CONC) S–30 MIRL
RWY 14: Trees.
RWY 32: REIL. VASI(V4L)—GA 3.0°TCH 46.6′. Trees.
AIRPORT REMARKS: Attended 1230Z‡–dusk. Albany ANG helicopters do touch and go ldg ops usually during dalgt hours. Glider activity on weekends and occasionally weekdays with extensive pre–launch and after ldg gnd ops on shoulders of rwy in use. Year round federally and state protected habitat for Karner Blue Butterfly, unauthorized off–pavement ops prohibited. VASI clearance plane obstruction exists on Rwy 32 due to tree height. ACTIVATE MIRL Rwy 05–23, VASI Rwy 23, REIL Rwy 23 and twy lgts—CTAF.
WEATHER DATA SOURCES: AWOS–3 132.025 (518) 884–9289
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ALBANY APP/DEP CON** 118.05 **GCO** 118.125 (ALBANY CLNC)
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
CAMBRIDGE (L) VORW/DME 115.0 CAM Chan 97 N42°59.66′ W73°20.64′ 293° 23.0 NM to fld. 1490/14W. **HIWAS.**



SCHENECTADY

SCHENECTADY CO (SCH) 3 N UTC−5(−4DT) N42°51.15′ W73°55.73′ **NEW YORK**
378 B S6 **FUEL** 100LL, JET A, J8 OX 2 LRA NOTAM FILE SCH **H–11C, 12J, L–32G**
RWY 04–22: H7000X150 (ASPH–GRVD) S–95, D–175, DT–348, DDT–850 HIRL 0.9% up NE **IAP, AD**
RWY 04: MALSR. PAPI(P2L)—GA 3.0°TCH 55′. Tree.
RWY 22: PAPI(P2L)—GA 3.0°TCH 50′. Tree.
RWY 10–28: H4840X150(ASPH–GRVD) S–55, D–134, DT–218, DDT–541 MIRL
RWY 10: PAPI(P2L)—GA 4.0°TCH 50′. Thld dsplcd 200′. Tree.
RWY 28: REIL. PAPI(P2L)—GA 3.0°TCH 50′. Tree.
RWY 15–33: H2640X50 (ASPH) 0.6% up NW
RWY 15: Pole. **RWY 33:** Tree.
AIRPORT REMARKS: Attended 1230–0330Z‡. +60 ft dropoff 150 ft from Rwy 28 end. Birds on and invof arpt. Rwy 15–33 cracks on rwy with weeds in cracks. Rwy 33 arrowheads ahead of thld bar painted white. Rwy 15 avbl for tkf, Rwy 33 avbl for ldg. Rwy 15–33 avbl during dalgt VFR conditions only. Rwy 15–33 CLOSED to acft 12,500 pounds and over. Fee for acft requesting twr svc 0330–1200Z‡. No field or braking action reports available between 0330Z‡ and 1230Z‡ daily. Rwy 04 Rwy Alignment indicator lights (RAIL portion) of MALSR OTS indef. When twr clsd, ACTIVATE HIRL Rwy 04–22 and MIRL Rwy 10–28 and MALSR Rwy 04—121.3. Flight Notification Service (ADCUS) avbl.
WEATHER DATA SOURCES: AWOS–3 119.275 (518) 399–6586.
COMMUNICATIONS: CTAF 121.3 **UNICOM** 122.975
Ⓡ **ALBANY APP/DEP CON** 118.05
TOWER 121.3 (1230–0330Z‡) **GND CON** 121.9
AIRSPACE: CLASS D svc 1230–0330Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE ALB. VHF/DF ctc TOWER
ALBANY (L) VORTAC 115.3 ALB Chan 100 N42°44.84′ W73°48.19′ 332°8.4 NM to fld. 275/13W.
HAWKY NDB (LOM) 219 AL N42°49.04′ W73°48.51′ 305° 5.7 NM to fld. Unusable 160°–210° byd 10 NM.
HUNTER NDB (MHW) 356 HEU N42°51.18′ W73°56.06′ at fld. NOTAM FILE SCH.
ILS 109.7 I–SCH Rwy 04. Class IT.
COMM/NAV/WEATHER REMARKS: UNICOM use 130.55 for svc from FBO.



WELLS SPB (94D) 3 NE UTC−5(−4DT) N42°50.99′ W73°54.29′ **NEW YORK**
210 NOTAM FILE BTV
WATERWAY NE–SW: 5000X600 (WATER)
WATERWAY NE: P–lines. **WATERWAY SW:** P-lines.
SEAPLANE REMARKS: Attended May–Oct Sat–Sun, May–Oct Mon–Fri on call. For attendant Mon–Fri call 518–399–2719. Rwy NE piers under p–lines; height varies from 0–20′. Twr and p–lines marked with orange balls.
COMMUNICATIONS: CTAF 122.9

SCHROON LAKE (4B7) 2 N UTC−5(−4DT) N43°51.75′ W73°44.56′ **NEW YORK**
830 NOTAM FILE BTV **L–32G**
RWY 16–34: H3000X60 (ASPH) S–13
RWY 16: Thld dsplcd 100′. Road. **RWY 34:** Trees.
AIRPORT REMARKS: Attended dalgt hrs. Debris from adjacent land fill is occasionally blown onto and across rwy. Trees at end Rwy 34 penetrate apch slope, trees penetrate transition surfaces both sides, rock ledge penetrates transition surface rgt side. Recommend ldg Rwy 16, tkf Rwy 34.
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE GFL.
GLENS FALLS (L) VORTAC 110.2 GFL Chan 39 N43°20.50′ W73°36.71′ 004°31.8 NM to fld. 319/14W.

SCHUYLERVILLE

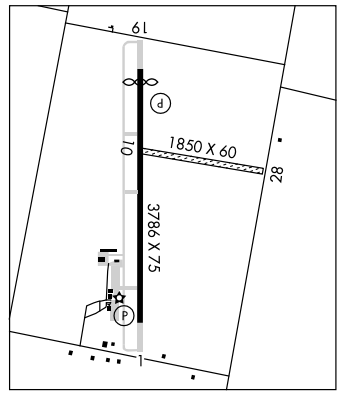
GARNSEYS (BØ4) 1 S UTC−5(−4DT) N43°04.50′ W73°34.97′ **NEW YORK**
100 NOTAM FILE BTV
RWY 02–20: 2600X103 (TURF)
RWY 02: Tree. **RWY 20:** Road.
AIRPORT REMARKS: Attended May–Sep dalgt hours. Arpt open dalgt hours only. Rwy 20 has 4½ ft fence 60 ft from rwy end both sides and numerous buildings in apch to Rwy 20.
COMMUNICATIONS: CTAF 122.9
90
WATERWAY 02–20: 9999X750 (WATER)

SCOTIA

MOHAWK VALLEY (K13) 3 NW UTC−5(−4DT) N42°52.09′ W74°01.72′ **NEW YORK**
240 TPA—1340(1100) NOTAM FILE BTV
RWY 15–33: 1840X120 (TURF)
RWY 15: Trees. **RWY 33:** Trees.
AIRPORT REMARKS: Attended summer Sat–Sun 1300–2200Z‡. Parachute Jumping.
COMMUNICATIONS: CTAF 122.9

SENECA FALLS

FINGER LAKES RGNL (ØG7) 2 SE UTC−5(−4DT) N42°53.01′ W76°46.87′ **NEW YORK**
492 B S4 **FUEL** 100LL, JET A NOTAM FILE ITH **L–32F**
RWY 01–19: H3786X75 (ASPH) S–12.5 MIRL **IAP**
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Ground.
RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Road.
RWY 10–28: 1850X60 (TURF) 1.2% up W
RWY 10: Trees. **RWY 28:** Trees.
AIRPORT REMARKS: Attended Mon–Fri 1300–2100Z‡. Sat–Sun 1300–2000Z‡. Rwy 01 REIL OTS indef. PAPI Rwy 01 OTS indef. REIL Rwy 19 OTS indef. PAPI Rwy 19 OTS indef. ACTIVATE MIRL Rwy 01–19, and REIL Rwy 01 and Rwy 19—CTAF. Ldg fee. Fifteen dollar fee for jets and turbo props.
WEATHER DATA SOURCES: AWOS–3 120.0 (315) 568–5362.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **SYRACUSE APP CON** 126.125 (E–NE)
Ⓡ **ELMIRA APP CON** 124.3 (SW–SE) (1100–0500Z‡)
Ⓡ **NEW YORK CENTER APP CON** 133.35 (SW–SE) (0500–1100Z‡)
Ⓡ **ROCHESTER APP CON** 119.55 (W–NW)
Ⓡ **SYRACUSE DEP CON** 126.125
RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.
ITHACA (L) VOR/DME 111.8 ITH Chan 55 N42°29.70′ W76°27.60′ 339°27.3 NM to fld. 1102/10W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



SHARON SPRINGS

SHARON (K31) 2 SE UTC−5(−4DT) N42°46.70′ W74°34.66′ **NEW YORK**

1508 TPA—2500(992) NOTAM FILE BUF

RWY 13–31: 2570X120 (TURF) LIRL (NSTD)

RWY 13: Thld dsplcd 200′. Trees. **RWY 31:** Tree.

AIRPORT REMARKS: Attended irregularly. P-line parallel on SW side of runway. Rwy 13 thld dsplcd ngt ops only. ACTIVATE LIRL Rwy 13–31—CTAF. Rwy 13–31 first 200 ft SE end unlgtd.

COMMUNICATIONS: CTAF/UNICOM 122.8

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

SHERMAN

PRATT'S EASTERN DIVIDE (D88) 4 W UTC−5(−4DT) N42°09.00′ W79°41.15′ **DETROIT**

1640 NOTAM FILE BUF

RWY 08–26: 2600X75 (TURF)

RWY 08: Tree.

RWY 26: Trees.

AIRPORT REMARKS: Attended irregularly. Ultralgt on and invof arpt.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

SHIRLEY

BROOKHAVEN (HWV) 1 N UTC−5(−4DT) N40°49.32′ W72°52.02′ **NEW YORK**

81 B S4 **FUEL** 100LL TPA—1081(1000) NOTAM FILE HWV **COPTER**

RWY 15–33: H4222X150 (ASPH–CONC) S–52, D–70, ST–89, DT–120 MIRL **L–33B, 34I**

RWY 15: REIL. VASI(V4L)—GA 3.0°TCH 43′. Trees. **IAP**

RWY 33: REIL. VASI(V4L)—GA 3.0°TCH 46′. Trees.

RWY 06–24: H4200X100 (ASPH) S–32, D–56, DT–93 MIRL 0.3% up NE

RWY 06: REIL. MALSR. VASI(V4L)—GA 3.0°TCH 47′. Trees.

RWY 24: REIL. Trees.

AIRPORT REMARKS: Attended continuously. Deer all areas of airport especially at night. Glider operations daylight hours. Pilots be aware when conducting practice ILS apchs: extensive light acft training on and invof arpt all hrs. Gliders use rgt tfc pattern for Rwy 24 and Rwy 33; gliders use left tfc pattern for Rwy 06 and Rwy 15. Upper air observation balloons launched 3 miles N of arpt 1100Z‡ and 2300Z‡. ACTIVATE MIRL Rwy 06–24 and Rwy 15–33; VASI Rwy 06, Rwy 15 and Rwy 33; REIL Rwy 06, Rwy 24, Rwy 15 and Rwy 33; MALSR Rwy 06—CTAF. Ldg fee.

WEATHER DATA SOURCES: ASOS 119.625 (631) 399–7095.

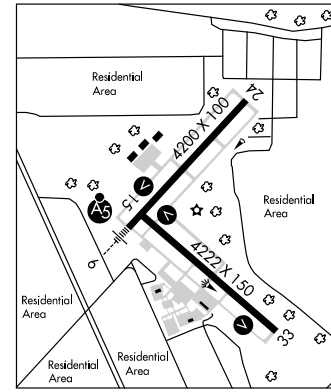
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NEW YORK CENTER APP/DEP CON** 118.0 **CLNC DEL** 133.2

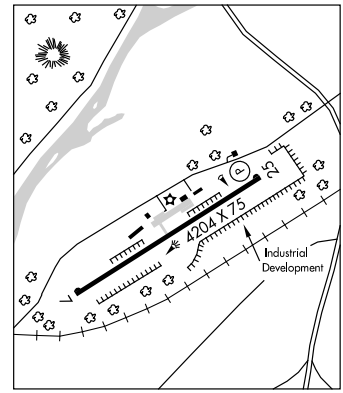
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

CALVERTON (L) VORW/DME 117.2 CCC Chan 119 N40°55.78′ W72°47.93′ 219° 7.2 NM to fld. 86/13W.

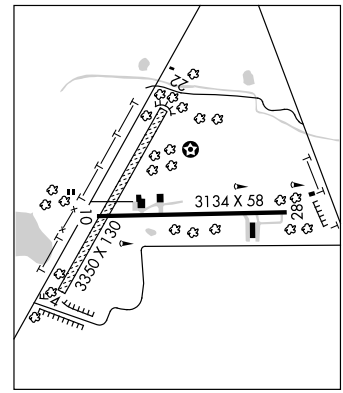
ILS 108.95 I–HWV Rwy 06. LOC unusable 0.4 NM to thld. GS unmonitored.



SIDNEY MUNI (N23) 1 W UTC−5(−4DT) N42°18.15′ W75°24.96′ NEW YORK
1027 B S4 **FUEL** 100LL, JET A OX 3, 4 NOTAM FILE BUF L–30K, 32F, 33A
RWY 07–25: H4204X75 (ASPH) S–25, D–45 MIRL IAP
RWY 07: REIL. Tree.
RWY 25: REIL. PAPI(P2L)—GA 3.0° TCH 42′. Stack. Rgt tfc.
AIRPORT REMARKS: Attended 1400–2200Z‡. For attendant other times call 607–561–2346. Numerous hills surround arpt up to 800 ft above arpt elevation. High tension lines 1 NM from apch end Rwy 07. ACTIVATE MIRL Rwy 07–25 and REIL Rwys 07 and 25—CTAF.
WEATHER DATA SOURCES: AWOS–3 118.275 (607) 561–2333.
COMMUNICATIONS: CTAF/UNICOM 122.8
HANCOCK RCO 122.1R 116.8T (BUFFALO RADIO)
ROCKDALE RCO 122.1R 112.6T (BUFFALO RADIO)
Ⓡ **BOSTON CENTER APP/DEP CON** 133.25
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
ROCKDALE (L) VOR/DME 112.6 RKA Chan 73 N42°27.98′ W75°14.35′ 230° 12.6 NM to fld. 2032/11W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



SKANEATELES AERO DROME (6B9) 2 SW UTC−5(−4DT) N42°54.84′ W76°26.45′ NEW YORK
1038 B **FUEL** 100LL TPA—1838(800) NOTAM FILE BUF L–32F
RWY 04–22: 3350X130 (TURF) IAP
RWY 04: Trees. **RWY 22:** Trees.
RWY 10–28: H3134X58 (ASPH) S–9 MIRL (NSTD) 0.4% up W
RWY 10: Trees. **RWY 28:** Treeline.
AIRPORT REMARKS: Attended Oct–April Mon–Sat 1300–2200Z‡, May–Sept Mon–Sat 1300–2300Z‡. Fuel avbl 24 hr self service credit card. Rwy 10–28 loose aggregate, potholes, eroded areas. Two 55 ft power poles 70 ft either side centerline 700 ft from apch end Rwy 28. Rwy 04–22 avbl 15 May to 15 Oct. ACTIVATE MIRL Rwy 10–28 and rotating bcn—CTAF. Rotating bcn OTS indef. Rwy 10–28 NSTD MIRL; lgts are 38 ft from pavement edge; no thld lgts. Rwy 28 has 4 lgts out and 2 lgts very dim. One thld lgt is rotated 90° (red/green lens). Arpt light OTS indef. Rwy 10 has +3′ fence 20′ from thld on both sides, +15′ road 30′ from thld on both sides and 4′ fence 80′ from thld on both sides. Rwy 04–22 and 10–28 have variations in rwy surface.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **SYRACUSE APP/DEP CON** 126.125
RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.
SYRACUSE (H) VORTACW 117.0 SYR Chan 117 N43°09.63′ W76°12.27′ 226°18 NM to fld. 420/11W. **HIWAS.**
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



SKY ACRES (See MILLBROOK)

SKY PARK (See RED HOOK)

SMITE N42°06.28′ W75°53.47′ NOTAM FILE BGM.
NDB (LOM) 332 BG 340° 7.4 NM to Greater Binghamton/Edwin A Link Fld.

SOUTH ALBANY (See SOUTH BETHLEHEM)

SOUTH BETHLEHEM

SOUTH ALBANY (4BØ) 2 N UTC−5(−4DT) N42°33.64′ W73°50.04′ **NEW YORK**
196 **FUEL** 100LL TPA—996(800) NOTAM FILE BTV **L–32G, 33B, 34I**
RWY 01–19: H2854X60 (ASPH) LIRL 0.4% up N **IAP**
RWY 01: Thld dsplcd 150′. Brush. **RWY 19:** VASI(NSTD). Thld dsplcd 124′. Road.
AIRPORT REMARKS: Attended Nov–Mar 1300–2100Z‡, Apr–Oct 1100–0200Z‡. Fuel avbl 24 hrs self service credit card only. Arpt CLOSED to acft over 12,500 pounds. Birds on and invof arpt. ACTIVATE LIRL Rwy 01–19 and windsock—CTAF.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **ALBANY APP/DEP CON** 118.05
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
CAMBRIDGE (L) VORW/DME 115.0 CAM Chan 97 N42°59.66′ W73°20.64′ 234° 33.8 NM to fld. 1490/14W.

SOUTHAMPTON HELIPORT (87N) 4 SW UTC−5(−4DT) N40°50.84′ W72°27.84′ **NEW YORK**
5 NOTAM FILE ISP **COPTER**
HELIPAD H1: H44X44 (ASPH) **L–33C, 34I**
HELIPORT REMARKS: Attended continuously. Noise sensitive area due to houses nearby. No idling or waiting on helipad permitted. **IAP**
COMMUNICATIONS: CTAF 122.9
NEW YORK APP/DEP CON 125.975
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
HAMPTON (H) VORTAC 113.6 HTO Chan 83 N40° 55.14′ W72° 19.00′ 250° 8.0 NM to fld. 22/13W. **HIWAS.**



SPADARO (See EAST MORICHES)

SPENCERPORT AIRPARK (D91) 2 S UTC−5(−4DT) N43°10.17′ W77°49.10′ **DETROIT**
614 NOTAM FILE BUF
RWY E–W: 2450X90 (TURF) LIRL (NSTD)
RWY E: Trees. **RWY W:** Trees.
AIRPORT REMARKS: Attended irregularly. Rwy lgts opr dusk–0200Z‡. Rwy E–W soft in winter. For rwy conditions call 585–338–7676 or 585–352–1930. Rwy E–W NSTD LIRL; only 4 thld lgts each rwy end; 1 red; 3 clear; no green thld lgts; spacing varies.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

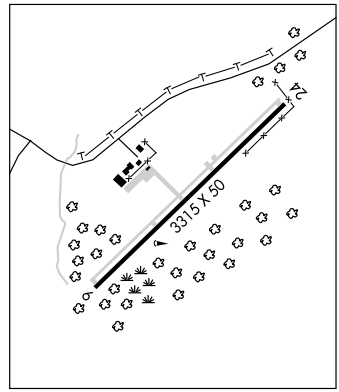
SQUIR N40°54.27′ W72°33.39′ NOTAM FILE FOK.
NDB (LOM) 400 FO 236° 5 NM to Francis S Gabreski. LOM unmonitored. Unusable 251°–280° byd 7 NM, 281°–250° byd 10 NM.

STAATSBURG

AIRHAVEN (Ø9N) 3 SE UTC−5(−4DT) N41°49.96′ W73°52.56′ **NEW YORK**
450 S4 NOTAM FILE ISP
RWY 02–20: 1863X75 (TURF)
RWY 02: Tree. **RWY 20:** Trees.
AIRPORT REMARKS: Unattended. Rwy not plowed in winter. Rwy 02–20 2 ft pvc reflective markers, blue markers at thld, all others along edges are white. Steep grades and drop–offs located in Rwy 02 safety area.
COMMUNICATIONS: CTAF 122.9

STEWART INTL (See NEWBURGH)

STORMVILLE (N69) 1 NE UTC−5(−4DT) N41°34.61′ W73°43.97′ **NEW YORK**
358 NOTAM FILE ISP **L–33B, 34I**
RWY 06–24: H3315X50 (ASPH) S–25 0.8% up NE **IAP**
RWY 06: Trees. **RWY 24:** Trees.
AIRPORT REMARKS: Unattended. Geese on and invof rwy Aug–Oct. Rwy 06–24 wide cracks and weeds on rwy. Rwy 06–24 not plowed. Various materials may be next to rwy ends after flea markets. Rwy 06–24 markings faded and difficult to see from ground.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 132.75
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93′ W73°49.33′ 155° 6.7 NM to fld. 580/12W. **HIWAS.**



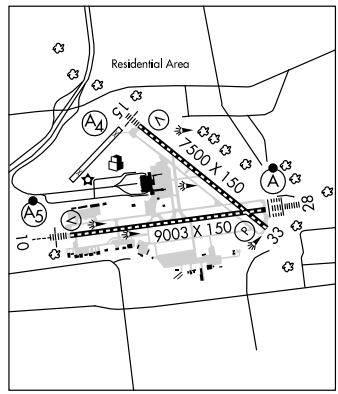
SUFFOLK CO N40°50.27′ W72°37.91′ NOTAM FILE FOK. **NEW YORK**
(T) TACAN Chan 47 FOK (111.0) at Francis S Gabreski. 50/13W. Unmonitored when twr closed. **L–33B, 34I**
No NOTAM MP Mon 1600–2000Z‡.

SULLIVAN CO (See MONTICELLO)

SYRACUSE HANCOCK INTL (SYR) 4 NE UTC−5(−4DT) N43°06.67′ W76°06.38′ **NEW YORK**
421 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index C **H–11C, 12J, L–32F**
NOTAM FILE SYR **IAP, AD**
RWY 10–28: H9003X150 (ASPH–GRVD) S–115, D–156, ST–175, DT–257 PCN 121 F/B/W/T
HIRL CL
RWY 10: MALSR. VASI(V4L)—GA 3.0°TCH 55′. Trees.
RWY 28: ALSF2. TDZL. Trees. 0.3% up.
RWY 15–33: H7500X150 (ASPH–GRVD) S–115, D–156, ST–175, DT–257 PCN 143 F/B/W/T HIRL CL
RWY 15: MALS. VASI(V4L)—GA 3.0°TCH 53′. Tree.
RWY 33: PAPI(P4L)—GA 3.0° TCH 50′. Tree.
LAND AND HOLD SHORT OPERATIONS

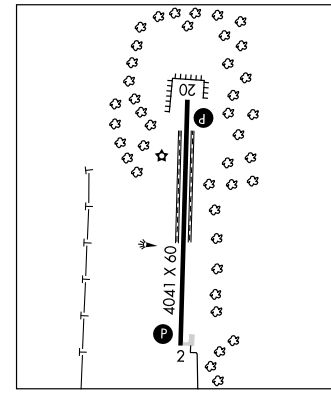
LANDING	HOLD SHORT POINT	DIST AVBL
RWY 10	15–33	7700
RWY 15	10–28	6000

ARRESTING GEAR/SYSTEMS
RWY 10 BAK–14 BAK–12A(B) (1500′)
BAK–14 BAK–12B(B) (1500′) **RWY 28**



AIRPORT REMARKS: Attended continuously. No charter operations through passenger terminal building without prior permission. No jet engine maintenance runs abv idle between 0400–1100Z‡. No transient acft parking on main terminal ramp. Deer/coyote/birds on and invof arpt. Rwy 10 RVR touchdown, midpoint and rollout avbl. Rwy 28 RVR touchdown, midpoint and rollout avbl. Rwy 33 RVR touchdown avbl. Rwy 28 touchdown RVR also used for Rwy 33. Direct custom notification is required. Hours of notification are Mon–Sat 1300–2200Z‡. Arrivals outside of these hours must make arrangements during regular work hours; call 315–455–2271. Noise abatement procedures in effect.
WEATHER DATA SOURCES: ASOS (315) 455–3444. **HIWAS** 117.0 SYR. WSP.
COMMUNICATIONS: ATIS 124.225 **UNICOM** 122.95
Ⓡ **APP/DEP CON** 134.275 (279°–099°) 126.125 (100°–278°)
TOWER 120.3 **GND CON** 121.7 **CLNC DEL** 125.05
AIRSPACE: CLASS C svc continuous ctc **APP CON**
RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.
(H) VORTACW 117.0 SYR Chan 117 N43°09.63′ W76°12.27′ 135° 5.2 NM to fld. 420/11W. **HIWAS.**
DME unusable byd 35 NM blo 4000′
ILS/DME 109.9 I–MRZ Chan 36 Rwy 10. Class 1A.
ILS/DME 109.9 I–SYR Chan 36 Rwy 28. Class 11E.
COMM/NAV/WEATHER REMARKS: Field condition reports recording avbl call 315–455–3444.

TICONDEROGA MUNI (4B6) 2 NE UTC−5(−4DT) N43°52.64′ W73°24.79′ **NEW YORK**
273 B S2 NOTAM FILE BTV **L–32G**
RWY 02–20: H4041X60 (ASPH) MIRL **IAP**
RWY 02: REIL. PAPI(P2L). Trees.
RWY 20: REIL. PAPI(P2L). Trees. Rgt tfc.
AIRPORT REMARKS: Unattended. ACTIVATE MIRL Rwy 02–20, PAPI Rwys 02 and 20, REIL Rwys 02 and 20—CTAF. Rwy 02 PAPI OTS indef. Rwy 20 PAPI OTS indef. REIL Rwy 02 OTS indef. REIL Rwy 20 OTS indef.
COMMUNICATIONS: CTAF/UNICOM 122.8
BOSTON CENTER APP/DEP CON 135.7
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
BURLINGTON (L) VORW/DME 117.5 BTV Chan 122 N44°23.83′ W73°10.95′ 213° 32.7 NM to fld. 420/15W. **HIWAS.**



TRI–CITIES (See ENDICOTT)

TROY

RENSSELAER CO (5B7) 6 SE UTC−5(−4DT) N42°41.45′ W73°34.77′ **NEW YORK**
440 **FUEL** 100LL TPA—1500(1060) NOTAM FILE BTV
RWY 18–36: H2670X50 (ASPH) S–8
RWY 18: Trees. **RWY 36:** Trees.
AIRPORT REMARKS: Unattended. Deer and birds on and invof arpt. Surrounding terrain slopes down to rwy; due to higher surrounding terrain recommend use of the following procedures: Dep Rwy 36—Use best angle of climb speed until well clear of residential area north of Rwy 36; Arrivals Rwy 18—maintain sufficient altitude on final so as to avoid low altitude and/or high power over residential area which underlies final apch to Rwy 18. Dep Rwy 18 and arrivals Rwy 36—use normal procedures. Rwy 18–36 pavement cracked, loose rocks and vegetation. Rwy 18 first 40′ overgrown with grass. Rwy 18 markings not visible. Transient acft call 518–279–1394 for field conditions prior to arrival.
COMMUNICATIONS: CTAF/UNICOM 122.7

UTICA N43°01.59′ W75°09.87′ NOTAM FILE UCA. **NEW YORK**
(L) VORTAC 111.2 UCA Chan 49 331° 16.4 NM to Griffiss Intl. 1420/12W. **L–32G**
RCO 122.65 122.2 122.1R 111.2T (BUFFALO RADIO)

UTICA/FRANKFORT

FRANKFORT–HIGHLAND (6B4) UTC−5(−4DT) N43°01.26′ W75°10.23′ **NEW YORK**
1325 **FUEL** 100LL NOTAM FILE BUF
RWY 13–31: H2550X30 (ASPH) S–12 LIRL(NSTD)
RWY 13: Thld dsplcd 75′. Trees. **RWY 31:** Trees.
AIRPORT REMARKS: Unattended. Self–serve fuel. Model plane club opr on arpt. 5′ wide hole on right side pavement edge Rwy 13, 803′ from AER. Rwy 31 has 120 ft dropoff 310 ft from thld on both sides. LIRL Rwy 13–31 not avbl to transient acft. Rwy 13–31 NSTD LIRL; lgts are 40 ft from rwy edge. Arpt located 5 miles SE Utica. Rwy 13–31 grass ldg area each side of ASPH inside lgts: not maintained winter months; snow plowing; braking action and field condition reports not avbl. Rwy 13–31 markings are NSTD size and painted white.
COMMUNICATIONS: CTAF/UNICOM 122.8

VRNAH N42°25.80′ W76°22.08′ NOTAM FILE ITH.
NDB (LOM) 266 IT 324° 5.5 NM to Ithaca Tompkins Rgnl. Unusable beyond 10 NM.

WALLKILL

KOBELT (N45) 3 NE UTC–5(–4DT) N41°37.67′ W74°08.03′ **NEW YORK**
420 B NOTAM FILE ISP
RWY 03–21: H2864X50 (ASPH) S–13
AIRPORT REMARKS: Unattended. Arpt CLOSED to acft 13,500 pounds and over. Deer on and invof arpt. Rwy 03 has access road 10′ from thld both sides. Rwy center width of 30′ in good condition, 10′ width on both sides of centerline in poor condition with extensive cracks and vegetation. 18′ wide parallel twy, stub connectors to rwy between ends in fair condition.
COMMUNICATIONS: CTAF/UNICOM 122.8

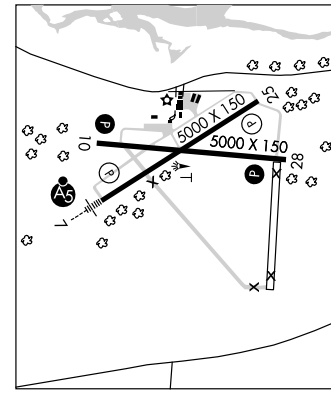
WARWICK MUNI (N72) 3 NE UTC–5(–4DT) N41°17.26′ W74°17.23′ **NEW YORK**
540 S4 **FUEL** 100LL TPA—1500(960) NOTAM FILE ISP
RWY 08–26: 2250X80 (TURF)
RWY 08: Tree. **RWY 26:** Trees.
RWY 03R–21L: H2150X28 (ASPH) LIRL (NSTD)
RWY 03R: Tree. **RWY 21L:** Brush.
RWY 03L–21R: 2100X50 (TURF)
RWY 03L: Tree. **RWY 21R:** Trees.
AIRPORT REMARKS: Attended irregularly. Self svc fuel avbl. Mountains and towers in close vicinity of arpt. Rwy 03R–21L numerous transverse cracks 1–3″. Arpt CLOSED to transient acft sunset–sunrise. No practice landings. ACTIVATE LIRL Rwy 03R–21L—CTAF. Rwy 03R–21L NSTD LIRL; spacing 400 ft apart and no thld lgts.
COMMUNICATIONS: CTAF/UNICOM 123.0

WATERLOO

AIRTREK (D93) 3 S UTC–5(–4DT) N42°51.00′ W76°50.98′ **NEW YORK**
590 S4 NOTAM FILE BUF
RWY 10–28: 2275X85 (TURF) LIRL
RWY 10: Tree. **RWY 28:** Thld dsplcd 541′. Tree.
AIRPORT REMARKS: Attended 1300–2100Z‡. Ultralight on and invof arpt. Rwy soft in spring; 300 ft of Rwy 28 rutted—under repair. For LIRL Rwy 10–28 call 315–539–3670. NSTD dsplcd thld markings Rwy 28 marked with one white and two green lgts each side.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

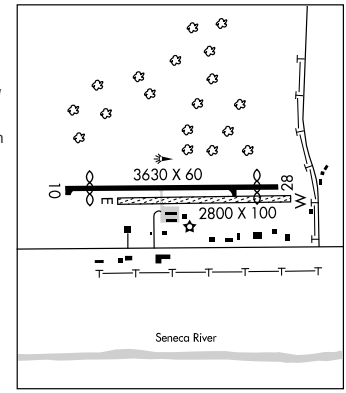
WATERTOWN N43°57.12′ W76°03.88′ NOTAM FILE ART. **NEW YORK**
(L) VORTAC 109.8 ART Chan 35 050° 3 NM to Watertown Intl. 370/12W. **H–11C, L–32F**
RCO 122.1R 109.8T (BURLINGTON RADIO)
RCO 122.3 122.2 (BURLINGTON RADIO)

WATERTOWN INTL (ART) 5 W UTC−5(−4DT) N43°59.52′ W76°01.31′ **NEW YORK**
325 B S4 **FUEL** 100LL, JET A AOE Class II, ARFF Index A NOTAM FILE ART **H–11C, 12J, L–32F**
RWY 07–25: H5000X150 (ASPH–GRVD) S–25, D–44, DT–90 HIRL 0.3% up NE **IAP, AD**
RWY 07: MALSR. PAPI(P4L)—GA 3.0°TCH 46′. Trees.
RWY 25: PAPI(P4L)—GA 3.0°TCH 54′. Trees.
RWY 10–28: H5000X150 (ASPH–GRVD) S–25, D–44, DT–90
MIRL 0.3% up E
RWY 10: PAPI(P4L)—GA 3.0° TCH 46′. Trees.
RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 47′. Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. For fuel and service call 315–639–3783 or after hrs call 315–629–3765 or 315–646–1627. Deer and birds on and invof arpt. PPR 2 hours for air carrier ops with more than 30 passenger seats call assistant manager 315–639–3809 or after 2130Z‡ call 315–783–7568. Twy C clsd Oct–Apr. ACTIVATE HIRL Rwy 07–25, MIRL Rwy 10–28, MALSR Rwy 07, PAPI Rwys 10 and Rwy 28, REIL Rwy 28 and twy lgts—CTAF. Ldg fee for acft over 6000 lbs gross weight. 2 hours advance notice to U.S. Customs by pilot required, call 315–482–2261.
WEATHER DATA SOURCES: ASOS 132.325 (315) 639–4002.
COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.1R 109.8T (BURLINGTON RADIO)
RCO 122.3 122.2 (BURLINGTON RADIO)
Ⓡ **WHEELER–SACK APP/DEP CON** 128.25 **CLNC DEL** 120.8
RADIO AIDS TO NAVIGATION: NOTAM FILE ART.
(L) VORTAC 109.8 ART Chan 35 N43°57.12′ W76°03.88′ 050° 3.0 NM to fld. 370/12W.
ILS 111.1 I–ART Rwy 07. Class ID.



WEEDSPORT

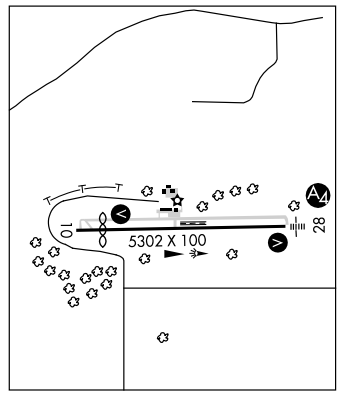
WHITFORDS (B16) 2 NE UTC−5(−4DT) N43°04.82′ W76°32.30′ **NEW YORK**
400 B **FUEL** 100LL, MOGAS TPA—1200(800) NOTAM FILE BUF **L–32F**
RWY 10–28: H3630X60 (ASPH) MIRL **IAP**
RWY 10: Thld dsplcd 430′. Trees.
RWY 28: Thld dsplcd 350′. Trees.
RWY E–W: 2800X100 (TURF)
RWY E: Hill. **RWY W:** Trees.
AIRPORT REMARKS: Attended dalgt hours. 87 octane also avbl. Rwy E–W CLOSED Nov 1–May 15. Ultralgts on and invof arpt. ACTIVATE MIRL Rwy 10–28—122.7. Rotating bcn OTS indef. For rotating bcn after 0400Z‡ call 315–834–9059.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **SYRACUSE APP/DEP CON** 134.275
RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.
SYRACUSE (H) VORTACW 117.0 SYR Chan 117 43°09.63′ W76°12.27′ 263° 15.4 NM to fld. 420/11W. **HIWAS.**
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



WELLS SPB (See SCHENECTADY)

WELLSVILLE MUNI ARPT, TARANTINE FLD (ELZ) 2 SW UTC−5(−4DT)
N42°06.57′ W77°59.40′
2124 B S4 **FUEL** 100LL, JET A NOTAM FILE ELZ
RWY 10–28: H5302X100 (ASPH–GRVD) S–25, D–45 HIRL
0.4% up W
RWY 10: REIL. VASI(V4L). Thld dsplcd 400′. Trees.
RWY 28: MALS. VASI(V4L)—GA 3.0°TCH 49′.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 10: TORA–5300 TODA–6300 ASDA–5300 LDA–4900
RWY 28: TORA–5300 TODA–6300 ASDA–4900 LDA–4900
AIRPORT REMARKS: Attended Mon–Fri 1200–2300Z‡, Sat–Sun 1400–2200Z‡. ACTIVATE HIRL Rwy 10–28; REIL Rwy 10 and MALS Rwy 28 and VASI Rwy 10 and Rwy 28—CTAF. Landing fee.
WEATHER DATA SOURCES: ASOS 119.275 (585) 593–0203.
COMMUNICATIONS: CTAF/UNICOM 123.0
WELLSVILLE RCO 122.1R 111.4T (BUFFALO RADIO)
CLEVELAND CENTER APP/DEP CON 124.325
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
(L) VORTAC 111.4 ELZ Chan 51 N42°05.38′ W77°59.97′ 029° 1.3 NM to fld. 2296/09W.
ILS 110.5 I–ELZ Rwy 28. LOC only.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.

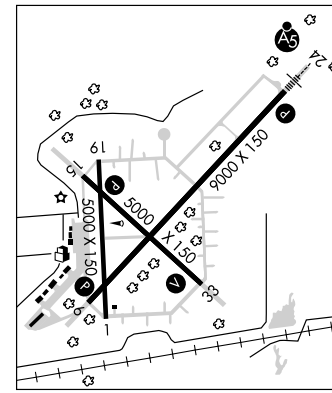
DETROIT
H–10H, 12I, L–30I, 32F
IAP



WESTCHESTER CO (See WHITE PLAINS)

WESTHAMPTON BEACH

FRANCIS S GABRESKI (FOK) CIV/MIL/ANG 3 N UTC−5(−4DT) N40°50.62′ W72°37.91′ **NEW YORK**
67 B S4 **FUEL** 100LL, JET A TPA—1167(1100) LRA NOTAM FILE FOK **COPTER**
RWY 06–24: H9000X150 (ASPH–CONC) S–50, D–50, DT–100 PCN 25 R/C/X/T HIRL **H–10I, 12J, L–33B, 34I**
RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 66′. Trees. **IAP, DIAP, AD**
RWY 24: MALSR. PAPI(P4L)—GA 3.0° TCH 85′. Trees. Rgt tfc.
RWY 15–33: H5000X150 (ASPH) S–50, D–50, DT–100
PCN 25 R/C/X/T MIRL 0.3% up NW
RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 67′. Trees.
RWY 33: REIL. VASI(V4L)—GA 3.0°TCH 57.3′. Rgt tfc.
RWY 01–19: H5000X150 (ASPH–CONC) S–50, D–50, DT–100
PCN 17 R/B/Y/T 0.4% up N
RWY 01: Trees. **RWY 19:** Trees.
MILITARY SERVICE: JASU (A/M32A–86) 2(MA–1A) Avbl during ANG opr hr.
FUEL J8(Mil) (NC–100LL, A) Avbl during ANG opr hr.
FLUID SP De–Ice LOX **OIL** O–148–156(Mil) SOAP
AIRPORT REMARKS: Attended 1200–0400Z‡. Parachute Jumping. Extensive glider activity. Birds and deer on and invof arpt. Voluntary noise abatement procedures in effect, ctc arpt manager 631–852–8095. No 180° turns permitted on asphalt section of Rwy 06–24. All rwys limited by arpt operator to 50,000 lbs single and dual wheel and 100,000 lbs dual tandem wheel. Military parachute drops on fld and offshore from Shinnecock Inlet, 8 miles ESE of fld, 2000 ft AGL and blo. Rwy 15–33 military maximum effort ldg strip markings (3500X60) on rwy. Rwy 06–24 4000 ft ASPH overlay in center of rwy. When twr clsd ACTIVATE HIRL Rwy 06–24, MIRL Rwy 15–33, VASI Rwy 33, PAPI Rwy 06, Rwy 15 and Rwy 24, MALSR Rwy 24, REIL Rwy 06, Rwy 15 and Rwy 33—CTAF. US Customs clearance svc avbl with prior notice 718–487–2691.



MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. **CAUTION**–Birds and deer hazard. Parachute jumping exercises invof arpt. Extensive glider activity. **ANG** Radio ctl acft opr 0.5 NM north of Rwy 15 apch end SR–SS, ctc twr for advisory. PPR DSN 456–7362/4, C631–723–7362/4. PPR for use of helicopter transition pad. Opr 1230–2100Z‡. Crash facility, limited parking and tran svc during normal duty hr limited to C–130 and HH60 acft only. No svc other times. Advisory for tran aircrews—wingtip clnc waiver in effect on Guard C–130 ramp. Rwy clsd to acft AUW 100,000 lb except C130/emerg until further notice. **CSTMS/AG/IMG** Customs clnc svc avbl with prior notice. (JFK) 718–487–2691 (Military flights will coordinate through Base Operations 631–723–7362/7364). Mon–Fri minimum 24 hr prior notice, Sun and holidays before 2200Z‡ on regular business day preceding svc req date; maximum passengers 15.
WEATHER DATA SOURCES: ASOS 119.925 (631) 288–0588.
COMMUNICATIONS: CTAF 125.3 **UNICOM** 122.95
Ⓡ **NEW YORK APP/DEP CON** 125.975 343.75 343.65
TOWER 125.3 236.6 (1200–0400Z‡) **GND CON** 121.8 225.4
ANG OPS (RESCUE OPS) 287.5
AIRSPACE: CLASS D svc 1200–0400Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
CALVERTON (L) VORW/DME 117.2 CCC Chan 119 N40°55.78′ W72°47.93′ 137° 9.2 NM to fld. 86/13W.
SUFFOLK CO (T) TACAN Chan 47 FOK (111.0) N40°50.27′ W72°37.91′ at fld. 50/13W. NOTAM FILE FOK. Unmonitored when twr clsd. No NOTAM MP Mon 1600–2000Z‡.
SQUIR NDB (LOM) 400 FO N40°54.27′ W72°33.39′ 236° 5 NM to fld. LOM unmonitored.
NDB unusable:
251°–280° byd 7 NM 281°–250° byd 10 NM.
ILS 111.7 I–FOK Rwy 24. LOM SQUIR NDB. Unmonitored when tower is closed. Middle marker unmonitored. LOM unmonitored.

WEST 30TH ST HELIPORT (See NEW YORK)

WHEELER SACK AAF (FORT DRUM) (GTB)(KGTB) A 1 NE UTC−5(−4DT) **MONTREAL**
N44°03.34′ W75°43.19′ **H–11C, 12J, L–32F**
688 B TPA—See Remarks NOTAM FILE BTV Not insp. **DIAP, AD**

RWY 03–21: H10000X150 (CONC) PCN 91 R/B/W/T HIRL
RWY 03: ALSF1. PAPI. Thld dsplcd 1366′. **RWY 21:** ALSF1. PAPI.
RWY 15–33: H4998X150 (CONC) PCN 51 R/C/W/T HIRL
RWY 15: MALSR. RAIL. FLOODS. **RWY 33:** FLOODS.
RWY 08–26: H4501X150 (CONC) PCN 9 R/C/W/T MIRL

MILITARY SERVICE: FUEL J8. PPR Avbl Mon–Fri 1200–0200Z‡, other times prior notice. **FLUID**–De–icing Type I and Type IV avbl with 3 hr prior notice. **TRAN ALERT** Limited.

MILITARY REMARKS: RSTD 24 hr PPR DSN 772–5681, C315–772–5681. Prior notice rqr by Fri 2100Z‡ for weekend and following Mon. Tkf Rwy 26 and ldg Rwy 08 VFR only for Cat B, C, D acft. Rwy 03–21 accelerate stop and tkf run distance avbl 10,000′. All tran acft must notify Base Ops no later than 20 min out and must contact GTB Apch Ctl with 25–30 NM of GTB and advise of intentions. Acft that plan on arriving GTB via an IFR military training route or VFR military training route must inform Base Ops when requesting a PPR. **CAUTION** Lgt stack 860′ 2 NM west of arpt. R5201 east of airfield, heavy artillery, rotary wing and fixed wing jet acft activity. **TFC PAT** TPA—Rotary wing 1398(710), fixed wing 1998(1310), turbojet 2498(1810), overhead 2998(2310). **NS ABTMNT** Fly friendly program in effect. Does not apply to Aerial Port of Embarkation mission acft. Quiet hr policy for transient aircrews conducting practice approachs and training flights 0300–1100Z‡, ctc airfield manager thru base ops for exceptions. **CSTMS/AG/IMG** CSTMS and AG rqr 24 hr advance notice, coordinate thru Base OPS. **MISC** No maintenance. Full wx svc avbl. DSN 772–6065. Wx obsn view obstructed by bldgs west through northeast (250°–60°). Visibility evaluation limited to 1/4 to 1/16 of a mile in this sector. Notify twr 20 min out with Code 6 and abv on board. All tran helicopter enroute R5201 must stop GTB for rqr safety brief. Base OPS Mon–Fri 1200–0400Z‡, weekend 1300–2100Z‡, other times prior notice. Narrow Twy A, B arc 40′ wide. Tight turns rqr from Twy A to B and B to A, advise GND if acft cannot make these turns. Acft inbound for Directorate of Logistics Aviation Intermediate Maintenance must arrive no later than 1900Z‡, ctc C315–772–7536, DSN 772–7536. All transit acft crews opr on Mountain Ramp or hot pads ctc Base OPS 126.2 or 280.8 (if no response ctc GND) for engine start authority.

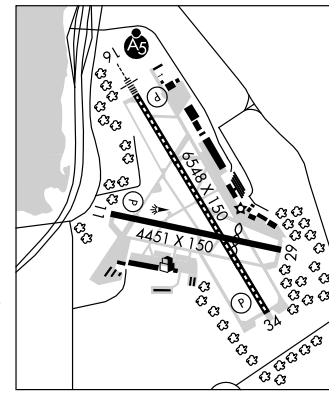
COMMUNICATIONS: ATIS 119.525
Ⓡ **APP/DEP CON** 128.25 257.6
TOWER 118.75 290.25 **GND CON** 121.9 229.8 **CLNC DEL** 120.8 **PMSV SACK METRO** 304.3
BASE OPS 126.2 280.8
FORT DRUM FLT FLW 141.025 397.75 (All acft ctc Drum CON prior entry R5201.)

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
WATERTOWN (L) VORTAC 109.8 ART Chan 35 N43°57.12′ W76°03.88′ 080° 16.2 NM to fld. 370/12W.
DRUM NDB (MHW) 257 GTB N44°04.11′ W75°44.16′ 151° 1.0 NM to fld. NOTAM FILE GTB.
ILS 108.5 I–AEZ Rwy 03.
ILS 108.5 I–GTB Rwy 21.
ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

WHITE PLAINS

WESTCHESTER CO (HPN) 3 NE UTC−5(−4DT) N41°04.02′ W73°42.45′ **NEW YORK**
439 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index B NOTAM FILE HPN **COPTER**
RWY 16–34: H6548X150 (ASPH–GRVD) D–120, ST–152 HIRL CL 0.9% up NW **H–10I, 12J, L–33B, 34H**
IAP, AD
RWY 16: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 72′.
RWY 34: REIL. PAPI(4PL)—GA 3.0° TCH 56′. Trees.
RWY 11–29: H4451X150 (ASPH–GRVD) S–70, D–120, ST–152, DT–120 MIRL
RWY 11: REIL. PAPI(P4L)—GA 3.0° TCH 52′. Trees.
RWY 29: Thld dsplcd 1287′. Trees.



LAND AND HOLD SHORT OPERATIONS

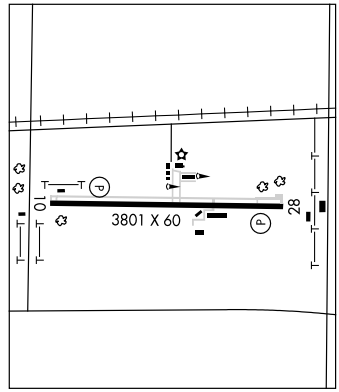
LANDING	HOLD SHORT POINT	DIST AVBL
RWY 11	16–34	2500
RWY 16	11–29	4000

RUNWAY DECLARED DISTANCE INFORMATION
RWY 11: TORA–4451 TODA–4451 ASDA–4451 LDA–4451
RWY 16: TORA–6548 TODA–6548 ASDA–6548 LDA–6548
RWY 29: TORA–4451 TODA–4451 ASDA–4451 LDA–3164
RWY 34: TORA–6548 TODA–6548 ASDA–6548 LDA–6548
AIRPORT REMARKS: Attended continuously. Deer, birds and other wildlife on and invof arpt. PAEW adjacent south edge hanger 6 ramp. Equipment and materials staged adjacent to the southern edge of Hangar 6 ramp. Be alert: Ground equipment opr adjacent to the east side of Twy A between Twy G and Twy F. During warmer months PAEW adjacent to rwy and twy safety areas. Rwy 11–29 pavement condition, fair with numerous cracks. Noise abatement procedures in effect ctc arpt management 914–995–4861. Acft over 120,000 lbs gross ldg weight must have prior permission. Ctc arpt manager or designee 914–995–4856 with maximum gross tkf weight. Acft over 100,000 lbs must ctc arpt opr on 122.95 with actual tkf and ldg weights. Arpt opr avbl continuously on 122.95. When twr clsd ACTIVATE HIRL Rwy 16–34, MIRL Rwy 11–29, MALSR Rwy 16, REIL Rwy 11 and Rwy 34, and twy lgts—CTAF. PAPI Rwy 11 and Rwy 16 oper 24 hrs. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Westchester Co Noise Abatement Procedures.
WEATHER DATA SOURCES: ASOS (914) 288–0216.
COMMUNICATIONS: CTAF 118.575 **D–ATIS** 133.8 (914) 948–0130
UNICOM 122.95
Ⓡ **NEW YORK APP CON** 126.4 (1200–0400Z‡) 120.8(0400–1200Z‡) 124.65 Ⓡ**NEW YORK DEP CON** 120.55
TOWER 118.575 (1100–0400Z‡) **GND CON** 121.825 **CLNC DEL** 127.25 **PRE–TAXI CLNC** 127.25
AIRSPACE: CLASS D svc 1100–0400Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
CARMEL (L) VORW/DME 116.6 CMK Chan 113 N41°16.80′ W73°34.88′ 216° 14 NM to fld. 690/12W.
HESTR NDB (LOM) 281 HP N41°08.72′ W73°45.99′ 162° 5.4 NM to fld. NOTAM FILE HPN.
Unusable beyond 11 NM. Unmonitored when tower clsd.
ILS/DME 109.7 I–HPN Chan 34 Rwy 16. Class IA. LOM HESTR NDB. HESTR NDB/LOM unusable beyond 11 NM. LOM unmonitored when twr clsd. LOC unusable byd 22° left of course. DME unusable byd 17 NM blo 2000′.
ILS/DME 109.7 I–OJZ Chan 34 Rwy 34. Class IA.

WHITFORDS (See WEEDSPORT)

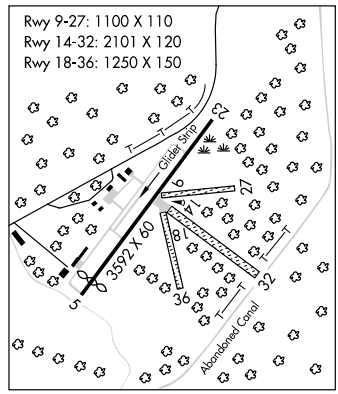
WILLIAMSON–SODUS (SDC) 3 W UTC−5(−4DT) N43°14.08′ W77°07.17′ **DETROIT**
424 B S4 **FUEL** 100LL TPA—1100(675) NOTAM FILE BUF **L–31E, 32F**
IAP

RWY 10–28: H3801X60 (ASPH) S–12 MIRL
RWY 10: PAPI(P2L)—GA 3.0° TCH 20′. Tree.
RWY 28: PAPI(P2L)—GA 3.0° TCH 20′. Pole.
AIRPORT REMARKS: Attended Mon–Fri 1330–2200Z‡. Credit card fuel avbl 24 hrs. Geese and deer on and invof arpt. ACTIVATE MIRL Rwy 10–28—CTAF.
WEATHER DATA SOURCES: AWOS–3 124.2 (315) 483–6171.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ROCHESTER APP/DEP CON** 119.55
RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.
ROCHESTER (L) VOR/DME 110.0 ROC Chan 37 N43°07.08′ W77°40.37′ 086° 25.3 NM to fld. 549/12W.
COMM/NAV/WEATHER REMARKS: Clnc del thru Flight Services 1–888–766–8267.



WURTSBORO–SULLIVAN CO (N82) 2 NE UTC−5(−4DT) N41°35.83′ W74°27.50′ **NEW YORK**
560 NOTAM FILE ISP **L–33A, 34H**
IAP

RWY 05–23: H3592X60 (ASPH) S–30 0.3% up SW
RWY 05: Thld dsplcd 233′. Pole. **RWY 23:** Brush.
RWY 14–32: 2101X120 (TURF) 0.6% up NW
RWY 14: Ridge. **RWY 32:** Trees.
RWY 18–36: 1250X150 (TURF) 0.3% up N
RWY 18: Ridge. **RWY 36:** Trees.
RWY 09–27: 1100X110 (TURF) 0.7% up W
RWY 09: Tree. **RWY 27:** Trees.
AIRPORT REMARKS: Attended 1400–2200Z‡. Winter months attended till dusk. Extensive glider activity. Tower elev 1690′ MSL 250′ AGL, Located 9000′ NE thld app Rwy 23. Deer on and in vicinity of arpt. +86′ tree 120′ out and 150′ right of Rwy 23 centerline.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK APP/DEP CON** 132.75
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
KINGSTON (L) VOR/DME 117.6 IGN Chan 123 N41°39.93′ W73°49.33′ 274° 28.9 NM to fld. 580/12W. **HIWAS.**



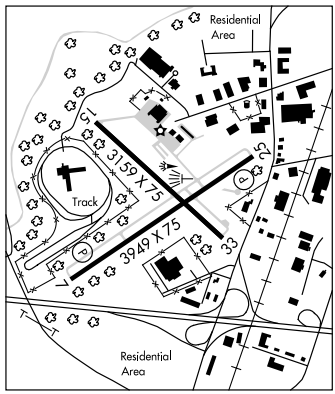
ALBERT (See PHILIPSBURG)

ALLEGHENY CO (See PITTSBURGH)

ALLENTOWN N40°43.60′ W75°27.29′ NOTAM FILE ABE. NEW YORK
(L) VORTAC 117.5 FJC Chan 122 182° 4.5 NM to Lehigh Valley Intl. H–10I, L–30K, 33A, 34G
680/10W.
DME portion unusable 061°–299° byd 30 NM blo 4000′; 300°–060° byd 26 NM blo 4500′.
VOR portion unusable:
021°–189° byd 10 NM
190°–260° byd 24 NM
190°–260° blo 9000′
261°–319° byd 9 NM blo 4000′
320°–339°
340°–349° byd 24 NM
340°–349° blo 4000′
350°–020° byd 33 NM blo 4000′
350°–020° blo 3500′
RCO 122.1R 117.5T (WILLIAMSPORT RADIO)

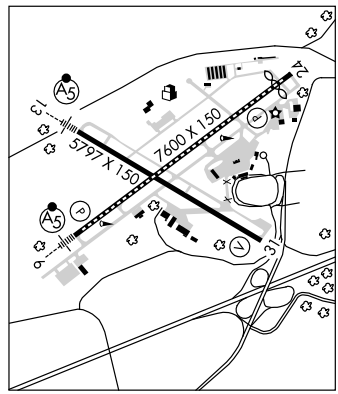
ALLENTOWN

ALLENTOWN QUEEN CITY MUNI (XLL) 2 SW UTC−5(−4DT) N40°34.22′ W75°29.30′ NEW YORK
399 B S2 **FUEL** 100LL, JET A TPA—1599(1200) NOTAM FILE IPT L–30K, 33A, 34G
RWY 07–25: H3949X75 (ASPH–GRVD) S–12 MIRL IAP
RWY 07: REIL. PAPI(P4L)—GA 3.0°. Trees.
RWY 25: REIL. PAPI(P4L)—GA 3.5°. Trees.
RWY 15–33: H3159X75 (ASPH) S–12 MIRL 0.4% up SE
RWY 15: Tree.
AIRPORT REMARKS: Attended 1200–2300Z‡. For svc after hrs ctc 610–266–6000. Deer, groundhogs, birds on and invof arpt. Noise abatement procedures in effect, for details call arpt management at 610–791–5193. ACTIVATE MIRL Rwy 07–25 and Rwy 15–33, REIL Rwy 07 and Rwy 25—CTAF. Landing fee.
WEATHER DATA SOURCES: AWOS–3 127.875 (610) 791–5463.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **APP/DEP CON** 118.2 (3000 and blo) 119.65 (above 3000 from north) 124.45 (above 3000 from south)
CLNC DEL 118.9
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
EAST TEXAS (L) VORW/DME 110.2 ETX Chan 39 N40°34.86′ W75°41.04′ 103° 9 NM to fld. 742/09W.



LEHIGH VALLEY INTL (ABE) 3 NE UTC−5(−4DT) N40°39.14′ W75°26.42′ **NEW YORK**
393 B S4 **FUEL** 100LL, JET A OX 1, 2 TPA—See Remarks LRA **H–10I, 12I, L–33A, 34G**
Class I, ARFF Index C NOTAM FILE ABE **IAP, AD**

RWY 06–24: H7600X150 (ASPH–GRVD) S–75, D–209, ST–175, DT–370 HIRL CL
RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 48′.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 60′. Thld dsplcd 500′. Road.
RWY 13–31: H5797X150 (ASPH–GRVD) S–75, D–161, ST–175, DT–290 HIRL
RWY 13: MALSR.
RWY 31: REIL. VASI(V4L)—GA 3.0° TCH 45′. Pole.



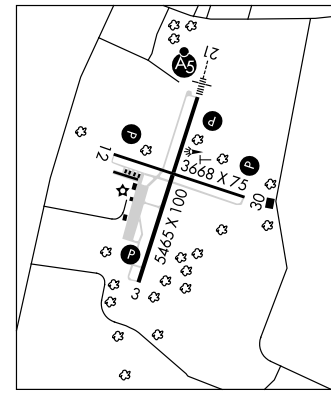
RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–7600 TODA–7600 ASDA–7600 LDA–7600
RWY 13: TORA–5797 TODA–5797 ASDA–5797 LDA–5797
RWY 24: TORA–7600 TODA–7600 ASDA–7600 LDA–7100
RWY 31: TORA–5797 TODA–5797 ASDA–5797 LDA–5797

AIRPORT REMARKS: Attended continuously. Birds; groundhogs and deer on and invof arpt. Noise abatement procedures for turbojet powered acft in effect; preferential Rwy 06–24. Rwy 06 and 24 fly rwy heading until 2000 ft. Rwy 06, 13 and 24 departures be advised that departures are over a noise sensitive area. Rwy 31 turbojet departures turn rgt heading 360° until 2000 ft MSL. TPA—1400(1006) reciprocating props; 2000(1606) turbine powered acft. Rwy 06 touchdown and rollout runway visual range avbl. Rwy 24 touchdown and rollout runway visual range avbl. Military acft plan to park and refuel on FBO apron W of Rwy 13–31 and S of Twy A. Twy C restricted to maximum acft weight 12,500 lbs. Twy B south of Twy B3 restricted to acft with wingspan 118′ or less. Twy E north of Rwy 06–24 in very poor condition with sections of broken pavement. Restricted to maximum acft weight 12,500 lbs. Twy J restricted to acft with wingspan 118′ or less. U.S. Customs user fee arpt. Ldg fee. Flight Notification Service (ADCUS) avbl—2 hours PPR.

WEATHER DATA SOURCES: ASOS (610) 266–3579.
COMMUNICATIONS: ATIS 126.975 **UNICOM** 122.95
ALLENTOWN RCO 122.1R 117.5T (WILLIAMSPORT RADIO)
Ⓡ **APP/DEP CON** 118.2 (3000 and blo), 119.65 (above 3000 from north) 124.45 (above 3000 from south)
TOWER 120.5 **GND CON** 121.9 **CLNC DEL** 124.05
AIRSPACE: CLASS C svc continuous ctc **APP CON**
RADIO AIDS TO NAVIGATION: NOTAM FILE ABE.
(L) VORTAC 117.5 FJC Chan 122 N40°43.60′ W75°27.29′ 182° 4.5 NM to fld. 680/10W.
LEEHI NDB (LOM) 400 AB N40°35.15′ W75°32.97′ 061° 6.4 NM to fld.
ILS 110.7 I–ABE Rwy 06. LOM LEEHI NDB.
ILS 111.9 I–BXY Rwy 13. Class IC.
ILS/DME 108.55 I–GUW Chan 22(Y) Rwy 24. Class IE.

ALTOONA

ALTOONA–BLAIR CO (AOO) 12 S UTC−5(−4DT) N40°17.78′ W78°19.20′ **DETROIT**
1503 B S4 **FUEL** 100LL, JET A OX 1, 3 Class I, ARFF Index A NOTAM FILE AOO **H–10H, 12I, L–29D, A**
RWY 03–21: H5465X100 (ASPH–GRVD) S–16, D–44 HIRL 0.6% up S **IAP**
RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 43′. Trees.
RWY 21: MALSR. PAPI(P4L)—GA 3.0° TCH 54′. Trees.
RWY 12–30: H3668X75 (ASPH) S–11.5, D–33 MIRL
RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 55′. Tree.
RWY 30: REIL. PAPI(P4R)—GA 4.0° TCH 54′. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–5465 TODA–5465 ASDA–5465 LDA–5465
RWY 12: TORA–3668 TODA–3668 ASDA–3668 LDA–3668
RWY 21: TORA–5465 TODA–5465 ASDA–5465 LDA–5465
RWY 30: TORA–3668 TODA–3668 ASDA–3668 LDA–3668



AIRPORT REMARKS: Attended 1000–0130Z‡. PAEW adjacent all rwys and twys 1100–0200Z‡ (annually) 1 May through 31 Oct except safety areas will remain clear during air carrier ops. Preferred runway is Rwy 21; for noise abatement when departing Rwy 03, maintain rwy heading until 2 NM North of airport. Specialized acft (ultralgt, homebuilt, etc) ctc arpt manager 814–793–3872 or UNICOM prior to ldg. PPR 24 hours for unscheduled air carrier and non-air carrier ops with more than 30 passenger seats call arpt manager 814–793–3872. HIRL Rwy 03–21 and MIRL Rwy 12–30 preset low ints; to increase ints and ACTIVATE PAPI Rwy 12, Rwy 30, Rwy 03 and Rwy 21, MALSR Rwy 21 and REIL Rwy 03, Rwy 12 and Rwy 30—CTAF.
WEATHER DATA SOURCES: ASOS 127.125 (814) 793–9655.
COMMUNICATIONS: CTAF 123.6 **UNICOM** 123.0
RCO 123.6 122.65 122.2 122.1R (ALTOONA RADIO)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 121.2
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
JOHNSTOWN (L) VORTAC 113.0 JST Chan 77 N40°19.00′ W78°50.05′ 099° 23.6 NM to fld. 2280/06W.
NOTAM FILE JST.
(T) VOR 108.8 AOO N40°19.53′ W78°18.22′ 210° 1.9 NM to fld.
VOR unusable 070°–125° 235°–260° 290°–350°
ILS 111.1 I–AOO Rwy 21. Class IE. LOC unusable byd 25° right of course.
COMM/NAV/WEATHER REMARKS: Ctc Altoona Radio for remote airport advisory service on 123.6.

AMBLER N40°07.56′ W75°17.11′ NOTAM FILE IPT. **NEW YORK**
NDB (MHW) 275 ING 064° 1.2 NM to Wings Fld. OTS indef. **L–34G**

ARNOLD PALMER RGNL (See LATROBE)

BALLY

BUTTER VALLEY GOLF PORT (7N8) 1 E UTC−5(−4DT) N40°23.89′ W75°33.86′ **NEW YORK**
500 S2 **FUEL** 100LL NOTAM FILE IPT
RWY 16–34: 2420X85 (ASPH–TURF)
RWY 16: Thld dsplcd 205′. Road. **RWY 34:** Thld dsplcd 150′. Road.
AIRPORT REMARKS: Attended daylight hours. Rwy 16–34 lies in middle of golf course. Trees and substantial terrain elevation changes within 125′ of each rwy edge. Rwy 16–34 1535X24 ASPH at south end; remainder turf. Rwy 16 end marked with yellow wood panels; turf rwy edges marked with tires painted yellow. Markings on paved surface faded. Rwy 34 dsplcd thld marked with 3 white lines. Rwy 16 dsplcd thld marked by 3 yellow tires.
COMMUNICATIONS: CTAF/UNICOM 122.8

BANDEL (See EIGHTY FOUR)

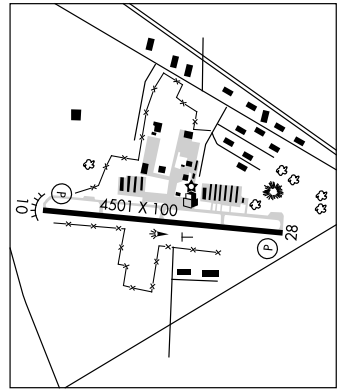
BARTY N41°16.61′ W75°46.54′ NOTAM FILE AVP. **NEW YORK**
NDB (LOM) 257 AV 044° 4.4 NM to Wilkes–Barre/Scranton Intl. Unusable byd 10 NM.

BAUBLITZ COMMERCIAL (See BROGUE)

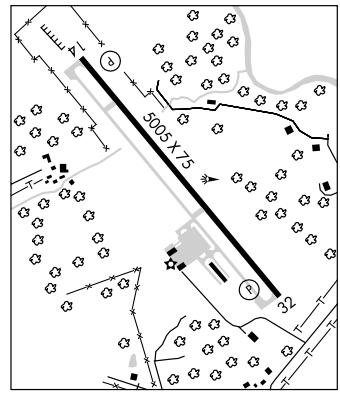
BEAVER CO (See BEAVER FALLS)

BEAVER FALLS

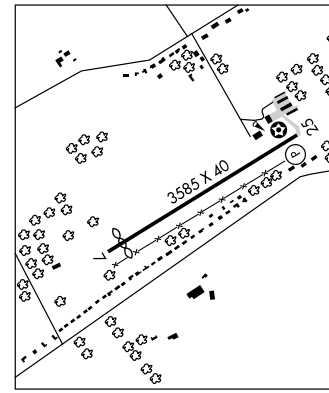
BEAVER CO (BVI) 3 NW UTC−5(−4DT) N40°46.35′ W80°23.49′ — DETROIT
1253 B S4 **FUEL** 100LL, JET A NOTAM FILE AOO — L–29C
RWY 10–28: H4501X100 (ASPH–GRVD) S–16, D–32 MIRL 1.1% up E — IAP
RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Trees.
RWY 28: PAPI(P4L)—GA 3.0° TCH 40′. REIL. Trees.
AIRPORT REMARKS: Attended Mon–Fri 1200–0200Z‡, Sat–Sun 1400–2200Z‡. Arpt unattended federal holidays. Noise abatement procedures in effect, ctc arpt manager Mon–Fri 1300–2100Z‡ for details at 724–847–4662. When twr clsd MIRL Rwy 10–28 and twy lgts opr low ints. Increase ints and ACTIVATE REIL Rwy 10 and Rwy 28—CTAF. PAPI Rwy 10 and Rwy 28 opr continuously.
COMMUNICATIONS: CTAF 120.3 **ATIS** 118.35
ELWOOD CITY RCO 122.1R 115.8T (ALTOONA RADIO)
Ⓡ **PITTSBURGH APP/DEP CON** 124.75
TOWER 120.3 (1200–0200Z‡) **GND CON** 121.8
CLNC DEL 124.85 (when twr clsd)
AIRSPACE: CLASS D svc 1200–0200Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ELLWOOD CITY (H) VORTAC 115.8 EWC Chan 105 N40°49.50′ W80°12.69′ 257° 8.8 NM to fld. 1227/08W.
ILS 109.3 I–BVI Rwy 10. LOC only. LOC unmonitored when twr closed.
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr.



BEDFORD CO (HMZ) 4 N UTC−5(−4DT) N40°05.17′ W78°30.81′ — WASHINGTON
1162 B S4 **FUEL** 100LL, JET A OX 1 NOTAM FILE AOO — H–10H, 12I, L–29D
RWY 14–32: H5005X75 (ASPH) S–38, D–60, DT–100 MIRL — IAP
RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 50′. Ground. Rgt tfc.
RWY 32: REIL. PAPI(P2L)—GA 4.0° TCH 50′.
AIRPORT REMARKS: Attended 1200–2300Z‡. For svcs after hrs call 814–623–1862. High terrain (mountain ridges) southeast of arpt lgtd with red obstruction lgts. ACTIVATE MIRL Rwy 14–32 and REIL Rwy 14 and Rwy 32—CTAF. PAPI Rwy 14 and Rwy 32 remain on. Landing fee for all acft exc light single engine.
WEATHER DATA SOURCES: AWOS–3 123.675 (814) 623–2936.
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEVELAND CENTER APP/DEP CON 124.4
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ST THOMAS (L) VORTAC 115.0 THS Chan 97 N39°55.99′ W77°57.06′ 297° 27.5 NM to fld. 2340/07W.



BELLEFONTE (N96) 3 SW UTC−5(−4DT) N40°53.13′ W77°48.98′ **DETROIT**
1071 B S4 **FUEL** 100LL, JET A TPA—2100(1029) NOTAM FILE AOO **L–30I**
RWY 07–25: H3585X40 (ASPH) LIRL (NSTD) **IAP**
RWY 07: Thld dsplcd 238′. Tree.
RWY 25: PAPI (P2L)—GA 3.5° TCH 40°. Rgt tfc.
AIRPORT REMARKS: Attended 1300–dusk. For svc after hrs ctc 814–355–7407. Ultralights on and invof arpt. Extensive student training on arpt. All helicopters required to use fixed wing tfc pattern. Heavy glider activity during dalgt hrs, all altitudes within 10 NM area, all directions, especially along ridge 1 NM west and north of arpt. Rwy 07 dsplcd thld unlgtd.
ACTIVATE rotating bcn and LIRL Rwy 07–25—122.7. Rwy 07–25 NSTD LIRL, edge lgts more than 10 ft outward from pavement edge, standard thld lgts. Rwy 07–25 first 30′ on Rwy end 25 not lgtd.
COMMUNICATIONS: CTAF/UNICOM 122.8
NEW YORK CENTER APP/DEP CON 134.8
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
TYRONE (L) VORTAC 114.9 TON Chan 96 N40°44.11′ W78°19.88′ 076° 25.1 NM to Fld. 2630/07W.



BELLGROVE N40°26.16′ W76°33.18′ NOTAM FILE IPT. **NEW YORK**
NDB (MHW) 328 BZJ at Muir AAF. (Fort Indiantown Gap) **L–30J, 34G, A**

BELTZVILLE (See LEHIGHTON)

BENDIGO (See TOWER CITY)

BENJE N40°22.53′ W79°16.30′ NOTAM FILE LBE. **DETROIT**
NDB (MHW) 382 BHU 233° 8.5 NW to Arnold Palmer Rgnl. **L–29C**

BENSALEM

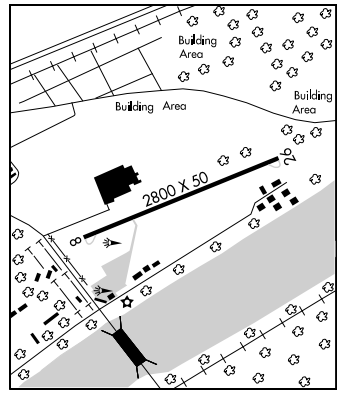
TOTAL RF HELIPORT (ØØA) 1 E UTC−5(4−4DT) N40°04.25′ W74°56.02′ **NEW YORK**
11 S2 NOTAM FILE IPT
HELIPAD H1: H80X80 (ASPH) PERIMETER LIGHTS
HELIPORT REMARKS: Attended Mon–Fri 1330–2300Z‡. After hrs 215–990–5300. Ingress/egress 290°–110° and 20′–200′.
COMMUNICATIONS: CTAF 122.9

BERMUDIAN VALLEY AIRPARK (See KRALLTOWN)

BETHEL

GRIMES (8N1) 2 E UTC−5(−4DT) N40°29.09′ W76°15.81′ **NEW YORK**
582 NOTAM FILE IPT
RWY 11–29: 2720X100 (TURF)
RWY 11: Thld dsplcd 250′. Road. **RWY 29:** Thld dsplcd 270′. Road.
AIRPORT REMARKS: Attended dawn–dusk. Parachute Jumping. Rwy 11–29 first 700 ft of rwy on W end unusable in early spring due to wet conditions. Rwy 11–29 marked with white elevated plastic containers. Rwy 11 and 29 dsplcd thlds marked with 3 red elevated plastic containers.
COMMUNICATIONS: CTAF/UNICOM 122.8

BLOOMSBURG MUNI (N13) 0 E UTC−5(−4DT) N40°59.87′ W76°26.16′ **NEW YORK**
481 B S4 **FUEL** 100LL TPA—1581(1100) NOTAM FILE IPT **L–30J**
RWY 08–26: H2800X50 (ASPH) S–12.5 LIRL **IAP**
RWY 08: Road. **RWY 26:** Pole.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡, Sat 1300–1700Z‡. For svc after hrs call 570–683–5604 or 570–875–0375. Overnight fee. Fee waived with fuel purchase.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WILKES–BARRE APP/DEP CON** 126.3
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
MILTON (L) VORTACW 109.2 MIP Chan 29 N41°01.40′ W76°39.92′ 107° 11.3 NM to fld. 1000/09W.



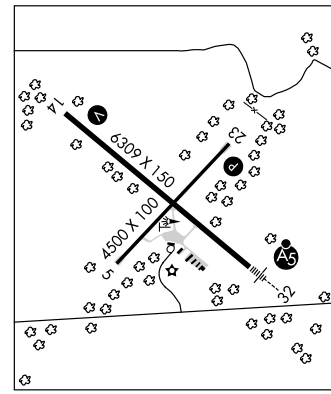
BLUE KNOB VALLEY (See NEWRY)

BRADEN AIRPARK (See EASTON)

BRADFORD CO (See TOWANDA)

BRADFORD N41°47.19′ W78°37.16′ NOTAM FILE BFD. **DETROIT**
(L) VOR/DME 116.6 BFD Chan 113 324° 1.4 NM to fld. 2100/07W. **L–30I**
VOR unusable:
145°–156° byd 10 NM 341°–049°
156°–262°
RCO 122.1R 116.6T (ALTOONA RADIO) **RCO** 122.2 122.3 (ALTOONA RADIO)

BRADFORD RGNL (BFD) 10 S UTC−5(−4DT) N41°48.18′ W78°38.41′ **DETROIT**
2143 B S2 **FUEL** 100LL, JET A ARFF Index—See Remarks NOTAM FILE BFD **H–10H, 12I, L–30I**
RWY 14–32: H6309X150 (ASPH–GRVD) S–48, D–60, DT–92 HIRL **IAP**
RWY 14: REIL. VASI(V4L)—GA 3.0° TCH 42′. Trees.
RWY 32: MALSR. Pole.
RWY 05–23: H4500X100 (ASPH–GRVD) S–48, D–60 MIRL
0.3% up NE
RWY 05: REIL. Trees.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Trees.
AIRPORT REMARKS: Attended 1200–0100Z‡. Class I, ARFF Index A. PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats, call arpt manager 814–368–5928. Index B coverage is being provided 1200–0100Z‡. After 0100Z‡, for emergencies call 911 or 814–465–9998. Deer and birds on and invof arpt. No snow removal avbl 1200–0100Z‡. Acft de–icing avbl. Rwy 05 REIL OTS indef. ACTIVATE REIL Rwy 05, Rwy 14 and Rwy 23, MALSR Rwy 32, HIRL Rwy 14–32, MIRL Rwy 05–23, VASI Rwy 14, PAPI Rwy 23, and twy lgts—CTAF. Ldg fee.
WEATHER DATA SOURCES: ASOS 133.825 (814) 368–2581.
COMMUNICATIONS: CTAF/UNICOM 123.075
RCO 122.2 122.3 (ALTOONA RADIO)
CLEVELAND CENTER APP/DEP CON 124.325



AIRSPACE: CLASS E svc Mon–Fri 1100–0330Z‡, Sat 1100–2330Z‡, Sun 1300–0330Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE BFD.
(L) VOR/DME 116.6 BFD Chan 113 N41°47.19′ W78°37.16′ 324° 1.4 NM to fld. 2100/07W.
ILS 108.3 I–BFD Rwy 32. Class IT.

BRANDYWINE (See WEST CHESTER)

BROGUE

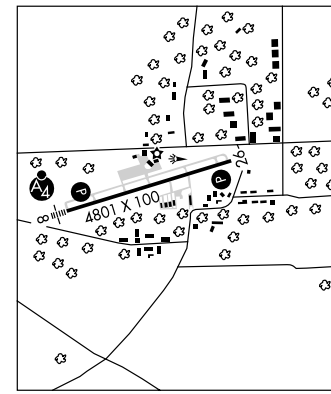
BAUBLITZ COMMERCIAL (9W8) 1 S UTC−5(−4DT) N39°51.14′ W76°29.18′ **WASHINGTON**
750 S2 **FUEL** 100LL NOTAM FILE IPT
RWY 10–28: 2493X100 (TURF)
RWY 10: Thld dsplcd 476′. Pole. **RWY 28:** Thld dsplcd 200′. Road.
AIRPORT REMARKS: Attended dalgt hrs. Daylight ops only. No winter snow removal. Rwy 10–28 edges and rwy ends marked by yellow flush painted markers. Rwy 10 dsplcd thld marked by 2 yellow flush markers each side of rwy. Rwy 28 dsplcd thld marked by 2 yellow flush markers each side of rwy.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: For pick–up clearance call 410–859–7256.

BROKENSTRAW (See PITTSFIELD)

BUTLER

BUTLER FARM SHOW (3G9) 3 W UTC−5(−4DT) N40°51.15′ W79°58.49′ **DETROIT**
1333 B **FUEL** 100LL NOTAM FILE AOO
RWY 18–36: H2580X38 (ASPH) S–9 LIRL
RWY 18: Thld dsplcd 180′. Pole. **RWY 36:** Thld dsplcd 123′. Trees.
AIRPORT REMARKS: Attended irregularly. Rwy 18–36 CLOSED to touch and go ldg. Ultralight ops prohibited. Bird activity invof rwy. LIRL Rwy 18–36 opr dusk–0500Z‡. After 0500Z‡ ACTIVATE LIRL Rwy 18–36 —CTAF. Rwy 18–36 lgtd thld Rwy 18 dsplcd 180 ft; lgtd thld Rwy 36 dsplcd 123 ft. LIRL NSTD distance from rwy edge. Rwy 18–36 single wheel capacity 9000 lbs per arpt manager. + 22 ft marked pline 292 ft from Rwy 18 thld on extended centerline. Rwy 18 and Rwy 36 dsplcd thld markings are yellow.
COMMUNICATIONS: CTAF/UNICOM 122.7
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ELLWOOD CITY (H) VORTAC 115.8 EWC Chan 105 N40°49.50′ W80°12.69′
089° 10.9 NM to fld. 1227/08W.

BUTLER CO/K W SCHOLTER FLD (BTP) 5 SW UTC−5(−4DT) N40°46.60′ W79°57.07′ **DETROIT**
1248 B S4 **FUEL** 100LL, JET A OX 1, 2 NOTAM FILE BTP **L–29C**
RWY 08–26: H4801X100 (ASPH–GRVD) S–37, D–50 HIRL **IAP**
RWY 08: MALSF. PAPI(P4L)—GA 3.0°TCH 53′.
RWY 26: REIL. PAPI(P4L)—GA 3.5° TCH 60′. Trees.
AIRPORT REMARKS: Attended 1130–0200Z‡. Unattended Christmas Day. Noise abatement procedures in effect, ctc arpt manager 724–586–6665. ACTIVATE HIRL Rwy 08–26; MALSF Rwy 08, PAPI Rwy 08 and Rwy 26—CTAF.
WEATHER DATA SOURCES: AWOS–3 133.825 (724) 586–6434. SAWRS.
COMMUNICATIONS: CTAF/UNICOM 122.8
ELLWOOD CITY RCO 122.1R 115.8T (ALTOONA RADIO)
Ⓡ **PITTSBURGH APP/DEP CON** 124.75 **CLNC DEL** 128.7
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ELLWOOD CITY (H) VORTAC 115.8 EWC Chan 105 N40°49.50′ W80°12.69′ 112° 12.2 NM to fld. 1227/08W.
ILS 111.5 I–BTP Rwy 08.



BUTTER VALLEY GOLFPORT (See BALLY)

CAMOR N39°52.97′ W79°44.68′ NOTAM FILE AOO. **CINCINNATI**
NDB (MHW/LOM) 299 VV 049° 6.1 NM to Connellsville. Unusable byd 10 NM. **L–29C**

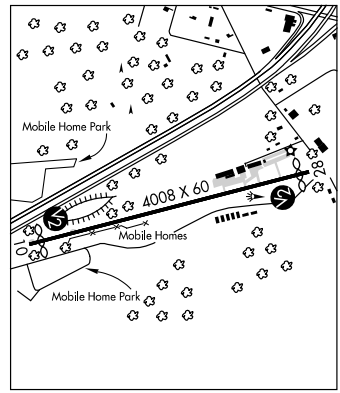
CANADENSIS

FLYING DOLLAR (8N4) 2 N UTC−5(−4DT) N41°13.01′ W75°14.98′ **NEW YORK**
1400 S4 NOTAM FILE IPT
RWY 02–20: 2405X100 (TURF)
RWY 20: Thld dsplcd 500′. Trees.
AIRPORT REMARKS: Attended dalgt hrs. Landing north–takeoff south wind permitting. No snow removal. Rwy 02 marked by white tires. Rwy 20 dsplcd thld marked with red painted tires.
COMMUNICATIONS: CTAF 122.9

CAPITAL CITY (See HARRISBURG)

CARBON N40°48.72′ W75°45.55′ NOTAM FILE IPT. NEW YORK
NDB (MHW) 339 LQX at Jake Arner Memorial. Unusable byd 12 NM. L–30K, 34G

CARLISLE (N94) 2 SE UTC−5(−4DT) N40°11.28′ W77°10.46′ DETROIT
510 B S2 **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE IPT L–29E, A
RWY 10–28: H4008X60 (ASPH) S–12.5, D–12.5 LIRL(NSTD) IAP
RWY 10: PVASI(PSIL)—GA 4.0′. Thld dsplcd 106′. Tree.
RWY 28: PVASI(PSIL)—GA 3.0′. Thld dsplcd 100′. Sign.
AIRPORT REMARKS: Attended 1400–2200Z‡. During ngt ops trailer park lgts located south of rwy could be mistaken for rwy lgts. Birds and deer on and invof arpt. Rwy 10–28 rwy lgtd length avbl for night ops 3802′. TPA—1510 (1000) small acft; 2010 (1500) large and turbine powered acft. ACTIVATE NSTD LIRL Rwy 10–28 and PVASI Rwys 10 and 28—CTAF. Rwy 10–28 NSTD LIRL; first 106′ Rwy 10 unlgtd; first 100′ Rwy 28 unlgtd.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **HARRISBURG APP/DEP CON** 124.1
RADIO AIDS TO NAVIGATION: NOTAM FILE CXY.
HARRISBURG (L) VORTAC 112.5 HAR Chan 72 N40°18.13′ W77°04.17′ 225° 8.4 NM to fld. 1301/10W.
LATLE NDB (LOM) 219 CX N40°10.69′ W77°00.35′ 285° 7.8 NM to fld. Unmonitored when Capital City twr clsd.
COMM/NAV/WEATHER REMARKS: For pick–up clearance TF 800–932–0712.



CASCADE N42°07.15′ W80°06.28′ NOTAM FILE ERI. DETROIT
NDB (MHW) 372 CQD 243° 3.9 NM to Erie Intl/Tom Ridge Fld. (NDB unmonitored when Erie Intl tower clsd) L–30H

CASTLE N41°01.38′ W80°24.95′ NOTAM FILE AOO. DETROIT
NDB (MHW) 272 UCP at New Castle Muni. L–30H

CENTRE HALL

CENTRE AIRPARK (N16) 2 SE UTC−5(−4DT) N40°48.70′ W77°39.43′ DETROIT
1307 NOTAM FILE AOO
RWY 06–24: 3100X210 (TURF)
RWY 06: Thld dsplcd 400′. Tree. **RWY 24:** Thld dsplcd 400′. Tree.
AIRPORT REMARKS: Attended dawn to dusk. For svc call 814–364–1479/1664. Ultralight activity on and in vicinity of arpt. Rwy 06–24 not maintained winter months. Rwy 06–24 marked with red painted barrels.
COMMUNICATIONS: CTAF 122.9

PENNS CAVE (N74) 4 NE UTC−5(−4DT) N40°53.42′ W77°36.15′ DETROIT
1260 NOTAM FILE AOO
RWY 07–25: H2500X40 (ASPH)
RWY 07: Tree. **RWY 25:** Tree.
AIRPORT REMARKS: Attended dalgt hours. Deer on and invof arpt at ngt. 750 ft AGL mountains ½ mile south and 700 ft AGL mountain ½ mile north; both unlgtd and unmarked. Rwy 07–25 first 864 ft of Rwy 07 has a 3.3% upslope. No ngt ops.
COMMUNICATIONS: CTAF/UNICOM 122.8

CHAMBERSBURG

FRANKLIN CO RGNL (N68) 3 N UTC−5(−4DT) N39°58.38′ W77°38.60′ — WASHINGTON L–29D, A IAP

697 B S2 TPA—1497(800) NOTAM FILE IPT

RWY 06–24: H3300X75 (ASPH) S–12.5 LIRL

RWY 06: Pole.

RWY 24: VASI(V2L)—GA 3.0°TCH 40′. Trees. Rgt tfc.

AIRPORT REMARKS: Unattended. Parachute Jumping. ACTIVATE LIRL Rwy 06–24 and VASI Rwy 24—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

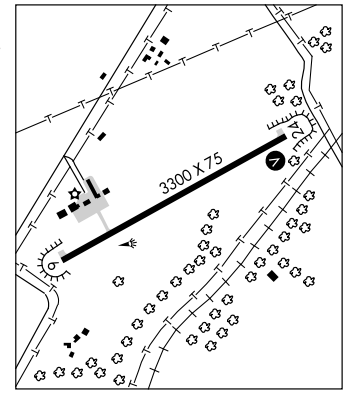
ST THOMAS RCO 122.1R 115.0T (ALTOONA RADIO)

Ⓡ **HARRISBURG APP/DEP CON** 124.1

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ST THOMAS (L) VORTAC 115.0 THS Chan 97 N39°55.99′ W77°57.06′ 087° 14.4 NM to fld. 2340/07W.

COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800–932–0712.



CHERRY RIDGE (See HONESDALE)

CHESTER CO G. O. CARLSON (See COATESVILLE)

CLARION CO (AXQ) 3 NW UTC−5(−4DT) N41°13.50′ W79°26.53′ — DETROIT H–10H, 12I, L–30H IAP

1458 B **FUEL** 100LL, JET A NOTAM FILE AOO

RWY 06–24: H5003X75 (ASPH) S–15 MIRL 0.5% up NE

RWY 06: REIL. PAPI(P2L)—GA 3.0°TCH 40′. Scrub trees.

RWY 24: REIL. PAPI(P2L)—GA 3.0°TCH 40′. Trees.

AIRPORT REMARKS: Attended Mon–Fri 1300–2300Z‡, Sat–Sun 1300–1700Z‡. ACTIVATE MIRL Rwy 06–24, REIL Rwy 06 and Rwy 24 and PAPI Rwy 06 and Rwy 24—CTAF.

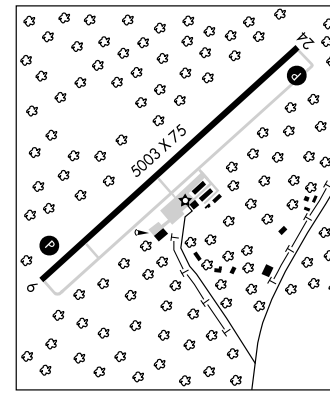
WEATHER DATA SOURCES: AWOS–3 118.275 (814) 227–2899.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.72

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

CLARION (L) VOR/DME 112.9 CIP Chan 76 N41°08.78′ W79°27.48′ 015° 4.8 NM to fld. 1520/06W.

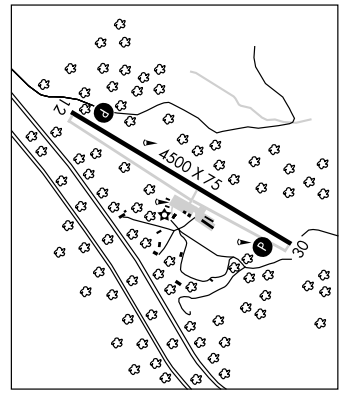


CLARION N41°08.78′ W79°27.48′ NOTAM FILE AOO. — DETROIT H–10H, L–30H

(L) VOR/DME 112.9 CIP Chan 76 015° 4.8 NM to Clarion Co. 1520/06 W. VOR portion unusable 215°–223°.

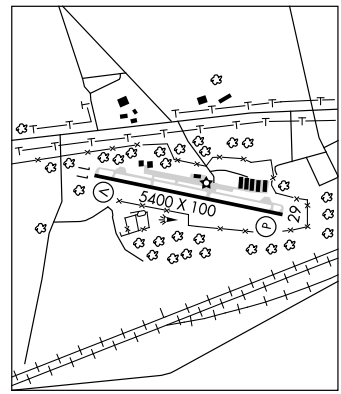
RCO 122.1R 112.9T (ALTOONA RADIO)

CLEARFIELD–LAWRENCE (FIG) 2 NE UTC−5(−4DT) N41°02.92′ W78°24.79′ **DETROIT**
1516 B **FUEL** 100LL, JET A NOTAM FILE FIG **L–30I**
RWY 12–30: H4500X75 (ASPH) S–12.5 MIRL **IAP**
RWY 12: PAPI(P2L)—GA 3.1° TCH 29′.
RWY 30: REIL. PAPI(P4L)—GA 3.0°. TCH 27′.
AIRPORT REMARKS: Attended 1300–2200Z‡. After hrs call 814–765–2145/9108. CLOSED Christmas and New Years. Deer and birds on rwy periodically. ACTIVATE MIRL Rwy 12–30; REIL Rwy 30, PAPI Rwy 12 and Rwy 30—CTAF.
WEATHER DATA SOURCES: ASOS 119.275 (814) 765–9703.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
PHILIPSBURG (H) VORTAC 115.5 PSB Chan 102 N40°54.98′ W77°59.56′ 303° 20.7 NM to fld. 2440/10W.



COATESVILLE

CHESTER CO G O CARLSON (MQS) 2 W UTC−5(−4DT) N39°58.74′ W75°51.93′ **WASHINGTON**
660 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 NOTAM FILE IPT **H–10I, 12I, L–34G, A**
RWY 11–29: H5400X100 (ASPH–GRVD) S–30, D–48 HIRL 0.4% up E. **IAP**
RWY 11: REIL VASI(V4R)—GA 3.0° TCH 51′. Pole.
RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 57′. Trees.
AIRPORT REMARKS: Attended continuously. For service after hrs ctc 484–880–2959. Migratory birds and deer on and invof arpt. Helicopter ops invof arpt south and southwest of Keystone Helipad. Helicopter traffic requested to land and takeoff from rwy only. Turn right 10° departing Rwy 11 to avoid hospital 4000 ft. +164 ft water tower 1343 ft from Rwy 11 thld 1842 ft right marked with strobe lgt dalgt hours; standard obstruction lgt ngt hours. Noise abatement procedures in effect ctc FBO 610–384–9000. Twy F has barrier northeast corner. Twys have NSTD centerline markings. ACTIVATE HIRL Rwy 11–29 and REIL Rwy 11 and Rwy 29—CTAF.
WEATHER DATA SOURCES: AWOS–3 126.25 (610) 384–6132
COMMUNICATIONS: CTAF/UNICOM 122.7
MODENA RCO 122.1R 113.2T (WILLIAMSPORT RADIO)
Ⓡ **PHILADELPHIA APP/DEP CON** 124.35 **CLNC DEL** 125.6 TF 800–354–9884
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
MODENA (L) VORTAC 113.2 MXE Chan 79 N39°55.08′ W75°40.25′ 301° 9.7 NM to fld. 474/09W. **HIWAS.**
ILS 108.5 I–MQS Rwy 29. Class IA.



COLLEGEVILLE

PERKIOMEN VALLEY (N1Ø) 2 NE UTC−5(−4DT) N40°12.24′ W75°25.82′ **NEW YORK**
277 B **FUEL** 100LL NOTAM FILE IPT **L–34G, A**
RWY 09–27: H2880X40 (ASPH) S–12.5 LIRL(NSTD) 1.0% up E **IAP**
RWY 09: Thld dsplcd 420′. Trees. **RWY 27:** Thld dsplcd 370′. Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. ACTIVATE LIRL Rwy 09–27 and rotating bcn—CTAF. Rwy 09–27 NSTD LIRL and no rwy end lgts. Rwy 27 dsplcd thld marked with 2 parallel white lines; lgtd with 4 red and green lgts each side of rwy. Rwy 09 dsplcd thld lgts 150′ down rwy from thld markings. Rwy 09–27 NSTD basic markings, arrows small and misaligned, double threshold bar and small numbers.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PHILADELPHIA APP/DEP CON** 126.85 **CLNC DEL** 118.55 TF 800–354–9884
RADIO AIDS TO NAVIGATION: NOTAM FILE PTW.
POTTSTOWN (L) VORTAC 116.5 PTW Chan 112 N40°13.34′ W75°33.62′ 109° 6.1 NM to fld. 290/09W.

COLUMBIA

McGINNESS (8N7) 1 SE UTC−5(−4DT) N40°01.51′ W76°29.23′ **NEW YORK**

334 NOTAM FILE IPT

RWY 11–29: 1850X120 (TURF)

RWY 11: Trees. **RWY 29:** Trees.

RWY 08–26: 1800X100 (TURF)

RWY 08: Trees. **RWY 26:** Brush.

AIRPORT REMARKS: Attended continuously. Snow removal not avbl during winter months. Rwy 08–26 and Rwy 11–29 marked with painted tires and V–boards.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800–932–0712.

CONNELLSVILLE

JOSEPH A. HARDY CONNELLSVILLE (VVS) 4 SW UTC−5(−4DT) N39°57.55′ W79°39.43′ **CINCINNATI**

1267 B S2 **FUEL** 100LL, JET A TPA—2067(800) NOTAM FILE AOO **L–29C**

RWY 05–23: H3458X100 (ASPH) S–12.5 MIRL 1.2% up NE **IAP**

RWY 05: REIL. PAPI(P2L)—GA 3.0° TCH 40′. **RWY 23:** PAPI(P2R)—GA 3.0° TCH 20′. Brush.

RWY 14–32: H2404X100 (ASPH) S–12.5 MIRL 0.4% up SE

RWY 14: PAPI(P2L)—GA 3.0° TCH 40′. Brush. **Rwy 32:** Trees.

AIRPORT REMARKS: Attended 1300–0000Z‡. Parachute Jumping. Rwy 05 has a 110 ft relocated thld, Rwy 23 has a 265 ft relocated thld for taxi only. Rwy 14 has a 315′ relocated thld, Rwy 32 has a 260′ relocated thld for taxi only. REIL Rwy 05 OTS indef. ACTIVATE MIRL Rwys 05–23 and 14–32—CTAF. Ldg fee for all acft over 6,000 pounds gross weight waived for fuel purchase.

WEATHER DATA SOURCES: AWOS–3 133.32 724–626–8745

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEVELAND CENTER APP/DEP CON 124.4

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

INDIAN HEAD (L) VORTAC 108.2 IHD Chan 19 N39°58.45′ W79°21.50′ 272° 13.8 NM to fld. 2820/06W.

CAMOR NDB (MHW/LOM) 299 VV N39°52.97′ W79°44.68′ 049° 6.1 NM to fld. Unusable beyond 10 NM.

ILS 110.7 I–VVS Rwy 05. LOM CAMOR NDB. LOC only. LOC unmonitored indef.

CORRY–LAWRENCE (8G2) 1 S UTC−5(−4DT) N41°54.45′ W79°38.46′ **DETROIT**

1766 B **FUEL** 100LL, JET A NOTAM FILE AOO **L–30H**

RWY 14–32: H4100X75 (ASPH) S–12.5 MIRL **IAP**

RWY 14: REIL. Bldg. **RWY 32:** REIL.

AIRPORT REMARKS: Attended irregularly. Birds on and invof arpt. Rwy 14–32 cracks developing causing some uneven pavement. ACTIVATE MIRL Rwy 14–32 and REIL Rwys 14 and 32—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

TIDIOUTE RCO 122.1R 117.6T (ALTOONA RADIO)

ERIE APP CON 121.0 126.05 (1100–0500Z‡)

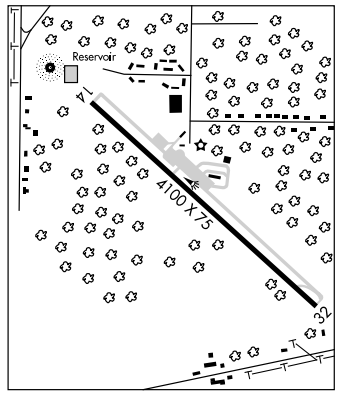
ERIE DEP CON 121.0 (1100–0500Z‡)

CLEVELAND CENTER APP/DEP CON 132.4 (0500–1100Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

TIDIOUTE (L) VORTAC 117.6 TDT Chan 123 N41°42.78′ W79°25.04′ 328° 15.4 NM to fld. 1710/09W.

NDB (MHW) 258 ORJ N41°54.76′ W79°38.91′ at fld.



COVE VALLEY (See WILLIAMSBURG)

CRESCO

ROCKY HILL ULTRALIGHT (48P) 1 SE UTC−5(−4DT) N41°08.87′ W75°16.50′ **NEW YORK**

1240 NOTAM FILE IPT

RWY 09–27: 1000X100 (TURF)

AIRPORT REMARKS: Unattended.

COMMUNICATIONS: CTAF 122.9

CRYSTAL LAKE N41°12.62′ W75°49.91′ NOTAM FILE AVP. **NEW YORK**

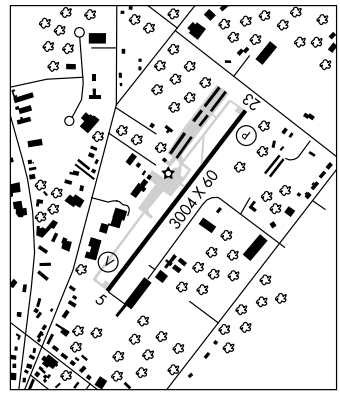
NDB (MHW) 410 CYE 044° 9.1 NM to Wilkes–Barre/Scranton Intl. NDB unusable beyond 15 NM. **L–30K**

DANVILLE (8N8) 3 SW UTC−5(−4DT) N40°57.09′ W76°38.56′ **NEW YORK**
559 B S4 **FUEL** 100LL NOTAM FILE IPT **L–30J**
RWY 09–27: H3000X60 (ASPH) S–125 MIRL
RWY 09: Trees. **RWY 27:** Trees.
AIRPORT REMARKS: Unattended. Call ahead 570–336–7639, 570–784–6289. ACTIVATE MIRL Rwy 09–27 and rotating bcn—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WILKES–BARRE APP/DEP CON** 126.3
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
MILTON (L) VORTACW 109.2 MIP Chan 29 N41°01.40′ W76°39.92′ 176° 4.4 NM to fld. 1000/09W.

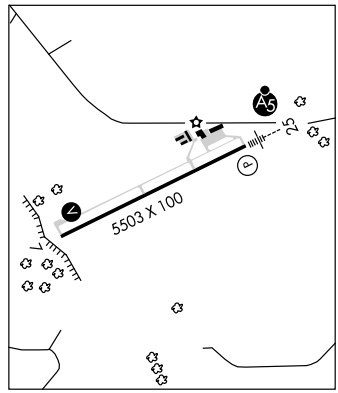
DECK (See MYERSTOWN)

DONEGAL SPRINGS AIRPARK (See MOUNT JOY/MARIETTA)

DOYLESTOWN (DYL) 2 N UTC−5(−4DT) N40°19.98′ W75°07.34′ **NEW YORK**
394 B S4 **FUEL** 100LL, JET A OX 4 TPA—1394(1000) NOTAM FILE DYL **L–34G, A**
RWY 05–23: H3004X60 (ASPH) S–12 MIRL **IAP**
RWY 05: SAVASI(S2L)—GA 5.0°. Tree.
RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 20′. Tree.
AIRPORT REMARKS: Attended 1200Z‡–dusk. No svcs avbl Christmas and New Years. Touch and go ldgs prohibited. Midfield twy clsd indef. Noise abatement procedures in effect; ctc arpt manager 215–340–0707. ACTIVATE REIL Rwy 23—CTAF.
WEATHER DATA SOURCES: ASOS 118.875 (215) 345–0392.
COMMUNICATIONS: CTAF/UNICOM 122.975
Ⓡ **PHILADELPHIA APP/DEP CON** 123.8
CLNC DEL 118.55 TF 800–354–9884
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
YARDLEY (L) VOR/DME 108.2 ARD Chan 19 N40°15.20′ W74°54.46′ 306° 11 NM to fld. 300/10W.

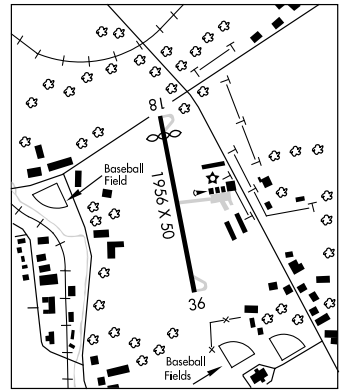


DUBOIS RGNL (DUJ) 7 NW UTC−5(−4DT) N41°10.70′ W78°53.92′ **DETROIT**
1817 B **FUEL** 100LL, JET A TPA—2800(983) Class II, ARFF Index A **H–10H, 12I, L–30I**
NOTAM FILE DUJ **IAP**
RWY 07–25: H5503X100 (ASPH–GRVD) S–45, D–60, DT–93
PCN 18 F/C/X/U HIRL
RWY 07: REIL. VASI(V4L)—GA 3.0°TCH 30′.
RWY 25: MALSR. PAPI(P4L)—GA 3.0° TCH 57′.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 07: TORA–5504 TODA–5504 ASDA–5504 LDA–5504
RWY 25: TORA–5504 TODA–5504 ASDA–5504 LDA–5504
AIRPORT REMARKS: Attended Sun–Fri 1000–0300Z‡, Sat 1100–0100Z‡. Flocks of birds on and invof arpt. PPR 24 hours for air carrier operations with more than 30 passenger seats call arpt manager 814–328–5311. ACTIVATE HIRL Rwy 07–25; REIL and VASI Rwy 07; MALSR Rwy 25; twy lgts—CTAF.
WEATHER DATA SOURCES: ASOS 119.025 (814) 328–5140.
COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.2 (ALTOONA RADIO)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.72
AIRSPACE: CLASS E svc Mon–Fri 1025–0330Z‡, Sat 1300–2300Z‡, Sun 1300–0330Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
CLARION (L) VOR/DME 112.9 CIP Chan 76 N41°08.78′ W79°27.48′ 091° 25.4 NM to fld. 1520/06W.
ILS 109.9 I–DUJ Rwy 25. ILS unmonitored.



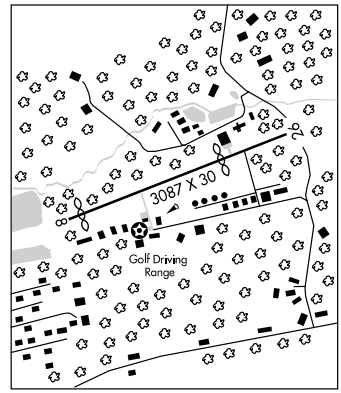
EASTON

BRADEN AIRPARK (N43) 3 N UTC−5(−4DT) N40°44.53′ W75°14.58′ **NEW YORK**
399 B S4 **FUEL** 100LL NOTAM FILE IPT **L–33A, 34H**
RWY 18–36: H1956X165 (ASPH–TURF) LIRL (NSTD) 0.5% up N **IAP**
RWY 18: Thld dsplcd 192′. Bldg.
RWY 36: Tree.
AIRPORT REMARKS: Attended dalgt hours. Aprt unattended Christmas. Rwy 18–36 1956′ by 50′ asph aligned in center of 165′ turf strip. Aircraft may not be visible on all parts of field. Rwy 18–36 NSTD LIRL, no rwy end or thld lights.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **ALLENTOWN APP/DEP CON** 124.45 (Above 3000′ from South) 119.65 (Above 3000′ from North) 118.2 (3000′ and blo)
RADIO AIDS TO NAVIGATION: NOTAM FILE ABE.
ALLENTOWN (L) VORTAC 117.5 FJC Chan 122 N40°43.60′ W75°27.29′ 094° 9.7 NM to fld. 680/10W.



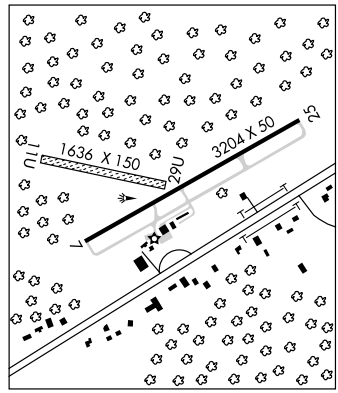
EAST STROUDSBURG

STROUDSBURG–POCONO (N53) 3 N UTC−5(−4DT) N41°02.15′ W75°09.64′ **NEW YORK**
480 B S4 **FUEL** 100LL, JET A TPA–1280(800) NOTAM FILE IPT **L–33A, 34H**
RWY 08–26: H3087X30 (ASPH) LIRL (NSTD) 0.3% up E **IAP**
RWY 08: Thld dsplcd 100′. Trees.
RWY 26: Thld dsplcd 770′. Trees.
AIRPORT REMARKS: Attended on call. For svc call 239–289–6703. 100LL self–serve with credit card. Parachute Jumping. Deer on and invof arpt. Ultralgts on and invof arpt. Rwy 08–26 NSTD LIRL due to placement and color. Rwy 26 end lgts offset from rwy centerline. Rwy 08 thld markings obscured with rubber. Alligator cracking in pavement, spalling, heaving. ACTIVATE NSTD LIRL Rwy 08–26 and rotating beacon—CTAF.
COMMUNICATIONS: CTAF/UNICOM 123.0
STILLWATER RCO 122.1R 109.6T (MILLVILLE RADIO)
Ⓡ **ALLENTOWN APP/DEP CON** 119.65 (Above 3000′) 118.2 (3000′ and blo)
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
STILLWATER (L) VOR/DME 109.6 STW Chan 33 N40°59.75′ W74°52.14′ 291° 13.5 NM to fld. 920/11W.



EAST TEXAS N40°34.86′ W75°41.04′ NOTAM FILE IPT. **NEW YORK**
(L) VORW/DME 110.2 ETX Chan 39 103° 9 NM to Allentown Queen City Muni. 742/09W. **H–10I, L–30K, 34G**

EBENSBURG (9G8) 3 SW UTC−5(−4DT) N40°27.67′ W78°46.52′ **DETROIT**
2099 B **FUEL** 100LL NOTAM FILE AOO **L–29D**
RWY 07–25: H3204X50 (ASPH) S–12.5 MIRL 0.6% up NE **IAP**
RWY 07: Brush. **RWY 25:** Trees.
RWY 11–29 ULTRALIGHT: 1636X150 (TURF–DIRT)
RWY 11 ULTRALIGHT: Trees. **RWY 29 ULTRALIGHT:** Trees.
AIRPORT REMARKS: Attended Mon–Fri 1300–1600Z‡. Sat and Sun irregularly. Attended after hrs on req. Deer on and invof arpt. Rwy 11U–29U ruts and long grass. Rwy 11U–29U for ultralights only. Ryw 11U–29U rwy boundary marked with yellow barrels. ACTIVATE MIRL Rwy 07–25 and twy lgts—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
REVLOC RCO 122.1R 110.6T (ALTOONA RADIO)
CLEVELAND CENTER APP/DEP CON 121.2
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
REVLOC (L) VOR/DME 110.6 REC Chan 43 N40°32.79′ W78°44.82′ 203° 5.3 NM to fld. 2340/09W.



EIGHTY FOUR

BANDEL (22D) 3 SE UTC−5(−4DT) N40°07.84′ W80°05.77′ **DETROIT**
1210 NOTAM FILE AOO
RWY 01–19: 2260X100 (TURF–DIRT)
RWY 01: Hill. **RWY 19:** Trees.
AIRPORT REMARKS: Attended irregularly. PAEW adjacent Rwy 01–19 indef. Extensive glider operations weekends. Center 20 ft of rwy is gravel, turf on both sides of center gravel strip. Rwy 01–19 marked with flush white bucket lids boundary markers. Rwy ends marked with red cones.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: Local aircraft and gliders monitor frequency 123.3.

ELLWOOD CITY N40°49.50′ W80°12.69′ NOTAM FILE AOO. **DETROIT**
(H) VORTAC 115.8 EWC Chan 105 257° 8.8 NM to Beaver Co. 1227/08W. **H–10H, L–29C**
VOR unusable; 310°–355° all distances and altitudes.
RCO 122.1R 115.8T (ALTOONA RADIO)

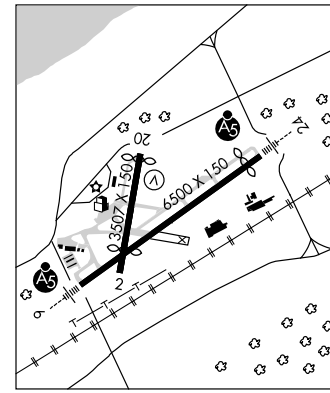
ENOLA N40°14.78′ W76°54.03′ NOTAM FILE MDT.
NDB (LOM) 204 MD 128° 7.1 NM to Harrisburg Intl.

ERIE CO (See WATTSBURG)

ERIE INTL/TOM RIDGE FLD (ERI) 5 SW UTC−5(−4DT) N42°04.92′ W80°10.57′ **DETROIT**
733 B S2 **FUEL** 100, JET A OX 3, 4 LRA Class I, ARFF Index B NOTAM FILE ERI **H–10H, L–30H**
RWY 06–24: H6500X150 (ASPH–GRVD) S–65, D–98, ST–124, DT–180 HIRL **IAP, AD**
RWY 06: MALSR. Railroad.
RWY 24: MALSR. Thld dsplcd 490′. Road.
RWY 02–20: H3507X150 (ASPH) S–50, D–60, DT–150 MIRL
RWY 02: Thld dsplcd 816′. Tree.
RWY 20: VASI(V4L)—GA 4.0° TCH 72′. Thld dsplcd 306′. Road.
LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 24	02–20	4100

RUNWAY DECLARED DISTANCE INFORMATION
RWY 02: TORA–3507 TODA–3507 ASDA–3507 LDA–2691
RWY 06: TORA–6500 TODA–6500 ASDA–6500 LDA–6500
RWY 20: TORA–3507 TODA–3507 ASDA–3507 LDA–3201
RWY 24: TORA–6500 TODA–6500 ASDA–6500 LDA–6010



AIRPORT REMARKS: Attended continuously. Rwy 20 CLOSED for night landings. Rwy 02–20 not avbl for air carrier ops. When twr closes, Rwy 02–20 CLOSED exc for taxiing ops. Extensive non–radio and Ultralgt acft opr 3.5–5 NM southwest of arpt at or blo 700 ft AGL May 1–Oct 31 annually SR–SS. Birds on and invof arpt. Rwy 06 MALSR unmonitored. Rwy 24 MALSR unmonitored. When twr clsd ACTIVATE HIRL Rwy 06–24; MALSR Rwys 06 and 24 and twy lgts—CTAF. MIRL Rwy 02–20, Twys B and C unavbl. Lgtd supplemental windcone located at N side Rwy 24 1000 ft W AER. Landing fee for multi engine acft. Flight Notification Service (ADCUS) available; prior reservation required; phone 814–833–1355.
WEATHER DATA SOURCES: ASOS (814) 835–7112.
COMMUNICATIONS: CTAF 118.1 **ATIS** 120.35 **UNICOM** 122.95
RCO 122.1R 109.4 (ALTOONA RADIO)
Ⓡ **APP/DEP CON** 121.0 (1100–0500Z‡)
CLEVELAND CENTER APP/DEP CON 132.4 (0500–1100Z‡)
TOWER 118.1 (1100–0500Z‡) **GND CON** 121.9 **CLNC DEL** 126.8
AIRSPACE: CLASS D svc 1100–0500Z‡ other times CLASS E. **TRSA** svc ctc **APP CON** within 20 NM.
RADIO AIDS TO NAVIGATION: NOTAM FILE ERI.
(L) VORTAC 109.4 ERI Chan 31 N42°01.04′ W80°17.56′ 059° 6.5 NM to fld. 800/06W.
VOR portion unusable:
048°–066° byd 25 NM blo 8000′
076°–154° byd 30 NM blo 5000′
155°–190° byd 30 NM
191°–249° byd 30 NM blo 6000′
DME unusable:
076°–109° byd 30 NM blo 5000′
110°–180° byd 25 NM blo 5000′
181°–249° byd 30 NM blo 5000′
250°–274° byd 20 NM
295°–315° byd 35 NM blo 3000′
CASCADE NDB (MHW) 372 CQD N42°07.15′ W80°06.28′ 243° 3.9 NM to fld. NDB unmonitored when twr clsd.
ESMER NDB (LOM) 349 ER N42°02.32′ W80°15.32′ 062° 4.4 NM to fld. NDB unmonitored when twr clsd.
ILS 110.3 I–AWY Rwy 24. Class IE. ILS unmonitored when twr clsd.
ILS 110.3 I–ERI Rwy 06. Class IE. LOM ESMER NDB. GS unusable for coupled apch blo 1580′ MSL. Backcourse unusable. ILS unmonitored when twr clsd.

ERWINNA

VANSANT (9N1) 2 SW UTC−5(−4DT) N40°29.06′ W75°05.98′ **NEW YORK**
390 S4 **FUEL** 100LL TPA—See Remarks NOTAM FILE IPT
RWY 07–25: 3058X120 (TURF)
RWY 07: Thld dsplcd 365′. Road. **RWY 25:** Trees.
RWY 05G–23G: 1340X200 (TURF)
RWY 23G: Trees.
AIRPORT REMARKS: Attended 1330Z‡–dark. Rwy 05 ldg and tkf prohibited. Arpt CLOSED to transient traffic Dec thru Apr. Heavy glider traffic. Glider TPA–1190(800); Power Plane TPA–1390(1000). Power plane tfc remain outside glider tfc pattern and avoid flying directly over arpt. Gliders occasionally use power plane runway for landings to the W. Rwy 23 gliders only. Rwy 07–25 marked with white tires; dsplcd thld marked with white tires.
COMMUNICATIONS: CTAF/UNICOM 122.8

ESMER N42°02.32′ W80°15.32′ NOTAM FILE ERI.
NDB (LOM) 349 ER 062° 4.4 NM to Erie Intl/Tom Ridge Fld. NDB unmonitored when Erie twr clsd.

ESSINGTON

PHILADELPHIA SPB (9N2) 1 S UTC−5(−4DT) N39°51.54′ W75°17.98′ **WASHINGTON**

00 TPA—300(300) NOTAM FILE IPT

WATERWAY 11–29: 9100X250 (WATER)

WATERWAY 11: Rgt tfc.

SEAPLANE REMARKS: Attended daylight hours. Call 610–521–7710 prior to arrival. No night operations. Check PHILADELPHIA TAC Chart for landing area. Transient traffic ctc Philadelphia App Con for tfc advisories.

COMMUNICATIONS: CTAF 122.9

EWT 4 HELIPORT (See HONEY GROVE)

FACTORYVILLE

SEAMANS FLD (9N3) 2 N UTC−5(−4DT) N41°35.36′ W75°45.36′ **NEW YORK**

1209 B S4 **FUEL** 100LL TPA—2009(800) NOTAM FILE IPT **L–30K, 33A**

RWY 04–22: H2500X50 (ASPH) LIRL **IAP**

RWY 22: Trees.

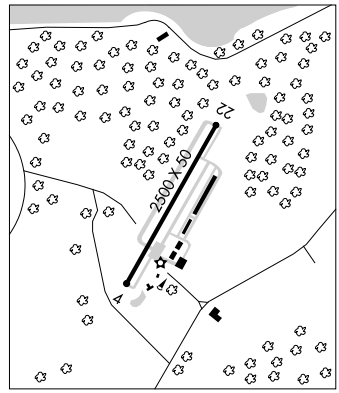
AIRPORT REMARKS: Attended 1300Z‡–dusk. For svc after hrs call 570–945–7943 or 570–419–6879. Mechanic on fld weekdays, on call weekends 570–945–3769.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **WILKES–BARRE APP/DEP CON** 124.5

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

LAKE HENRY (L) VORTACW 110.8 LHY Chan 45 N41°28.55′ W75°28.96′ 309° 14.1 NM to fld. 2320/10W. **HIWAS.**



FAIRFIELD

MID ATLANTIC SOARING CENTER (W73) 2 SE UTC−5(−4DT) N39°45.42′ W77°21.08′ **WASHINGTON**

573 TPA—1373(800) NOTAM FILE IPT

RWY 15–33: H2700X50 (ASPH) S–12.5, D–12.5

RWY 15: Brush. **RWY 33:** Thld dsplcd 900′. Tree. Rgt tfc.

AIRPORT REMARKS: Attended Sat–Sun dalgt hours. Arpt CLOSED except PPR 717–432–0856/703–335–6778 when P–40 expanded to 10 NM radius. Rwy 15 CLOSED for ldgs. Extensive glider opns. Rwy 15 not marked. Southern portion of Rwy 33 cracking, rutting.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: MULTICOM 123.3 weekends and holidays.

FARMERS PRIDE (See FREDERICKSBURG)

FINLEYVILLE AIRPARK (GØ5) 1 SW UTC−5(−4DT) N40°14.75′ W80°00.74′ **DETROIT**

1240 B **FUEL** 100LL TPA—See Remarks NOTAM FILE AOO

RWY 14–32: H2505X50 (ASPH) LIRL

RWY 32: Trees.

AIRPORT REMARKS: Attended 1400–2200Z‡. Deer on and in vicinity of rwy. Terrain falls off rapidly off apch end Rwy 14; terrain rises off apch end Rwy 32. Rwy 32 thld lgts are dsplcd approximately 875′. Rwy 32 runway markings are not dsplcd. Transient pilots advised to check rwy condition prior to use during winter months. Ultralights avoid overflying houses NE of arpt. Helicopters follow fixed wing tfc pattern. Rwy 14–32 ultralights fly rgt tfc. TPA ultralights 1740(500). Arpt bcn ops dusk–0500Z‡. After 0500Z‡ ACTIVATE LIRL and rotating bcn—CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.0

FLYING DOLLAR (See CANADENSIS)

FLYING M RANCH (See GERMANSVILLE)

FORT INDIANTOWN GAP (See MUIR AAF)

FRANKLIN N41°26.32′ W79°51.41′ NOTAM FILE FKL. **DETROIT**
(L) VOR 109.6 FKL 189° 3.7 NM to Venango Rgnl. **HIWAS.** **H–10H, L–30H**
RCO 122.1R 109.6T (ALTOONA RADIO)

FRANKLIN

VENANGO RGNL (FKL) 2 SW UTC−5(−4DT) N41°22.67′ W79°51.62′ **DETROIT**
1540 B S4 **FUEL** 100LL, JET A CLASS II, ARFF Index A NOTAM FILE FKL **H–10H, L–30H**
RWY 03–21: H5200X150 (ASPH–GRVD) S–40, D–70, ST–89 HIRL **IAP**
RWY 03: PAPI (P4L)–GA 3.0° TCH 45′. Building.
RWY 21: MALSR PAPI (P4L)–GA 3.0° TCH 57′. Pole.
RWY 12–30: H3698X100 (ASPH) S–67, D–105, ST–133 MIRL
RWY 12: Trees. **RWY 30:** PAPI (P4L)–GA 3.0° TCH 40′. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–5200 TODA–5200 ASDA–5200 LDA–5200
RWY 12: TORA–3698 TODA–3698 ASDA–3698 LDA–5200
RWY 21: TORA–5200 TODA–5200 ASDA–5200 LDA–5200
RWY 30: TORA–3698 TODA–3698 ASDA–3698 LDA–5200
AIRPORT REMARKS: Attended Mon–Fri 1100–0400Z‡, Sat 1100–0300Z‡, Sun 1200–0400Z‡. PPR 24 hours for unscheduled air carrier operations with more than 30 passenger seats call arpt manager 814–432–5333. Deer and birds on and in vicinity of arpt. ACTIVATE HIRL Rwy 03–21, MALSR Rwy 21 and MIRL Rwy 12–30 and twy lgts, and PAPI Rwys 03 and 21 and 30—CTAF. Landing fee for acft over 6000 lbs gross weight.
WEATHER DATA SOURCES: AWOS–3 118.175 (814) 437–2066.
HIWAS 109.6 FKL.
COMMUNICATIONS: CTAF/UNICOM 122.7
FRANKLIN RCO 122.1R 109.6T (ALTOONA RADIO)
Ⓡ **YOUNGSTOWN APP CON** 126.25 (1100–0500Z‡)
Ⓡ **YOUNGSTOWN DEP CON** 133.95 **CLNC DEL** 126.25
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725 (0500–1100Z‡)
AIRSPACE: CLASS E svc Mon–Fri 1030–0330Z‡, Sat 1030–1430Z‡, Sun 2330–0330Z‡, other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
CLARION (L) VOR/DME 112.9 CIP Chan 76 N41°08.78′ W79°27.48′ 313° 22.9 NM to fld. 1520/06W.
FRANKLIN (L) VOR 109.6 FKL N41°26.32′ W79°51.41′ 189° 3.7 NM to fld. NOTAM FILE FKL. **HIWAS.**
ILS 110.5 I–FKL Rwy 21. Class IC. ILS unmonitored Sat 0100Z‡–Sun 1200Z‡.



FRANKLIN CO RGNL (See CHAMBERSBURG)

FREDERICKSBURG

FARMERS PRIDE (9N7) 0 W UTC−5(−4DT) N40°26.57′ W76°26.50′ **NEW YORK**
495 B **FUEL** 100LL NOTAM FILE IPT
RWY 10–28: 3410X150 (TURF) LIRL (NSTD)
RWY 10: Thld dsplcd 504′. Trees. **RWY 28:** Thld dsplcd 590′. Road.
AIRPORT REMARKS: Attended 1400–2200Z‡. Only fuel avbl to transient acft is emergency fuel. ACTIVATE LIRL Rwy 10–28 and arpt bcn—CTAF. Rwy 10–28 turf rwy marked by orange tires/lgts. Rwy 28 dsplcd thlds marked by 6 split red/green lgts. Thld lgts Rwy 10 NSTD due to placement. ACTIVATE LIRL Rwy 10–28 and arpt bcn—CTAF.
COMMUNICATIONS: CTAF 122.9 **UNICOM** 122.8

FREEPORT

Mc VILLE (P37) 6 NE UTC−5(−4DT) N40°44.00′ W79°35.99′ **DETROIT**
1090 B S4 **FUEL** 100LL NOTAM FILE AOO
RWY 18–36: 2900X132 (TURF)
RWY 18: Thld dsplcd 1050′. Pole. **RWY 36:** Trees.
RWY 03–21: 2425X160 (TURF) LIRL (NSTD)
RWY 03: Road. **RWY 21:** Brush.
AIRPORT REMARKS: Attended 1400Z‡–dusk. Arpt CLOSED indef. Rwy 18–36 CLOSED indef. Deer and Woodchuck on and invof arpt. Steep drop–off at AER 03. Rwy 18 dsplcd thld marked with red barrels. Rwy 03–21 marked with yellow barrels. Rwy 18–36 marked with yellow barrels. Rwy 03–21 NSTD LIRL due to spacing. ACTIVATE LIRL Rwy 03–21 and rotating bcn–123.0.
COMMUNICATIONS: CTAF/UNICOM 123.0

GERMANSVILLE

FLYING M AERODROME (P91) 2 N UTC−5(−4DT) N40°44.24′ W75°42.31′ **NEW YORK**

735 S2 NOTAM FILE IPT

RWY 08–26: 2370X100 (TURF)

RWY 08: Pline. **RWY 26:** Thld dsplcd 300′. Trees.

AIRPORT REMARKS: Attended dawn–dusk. Parachute Jumping. Rwy 08–26 marked with white plastic barrels. Rwy 26 dsplcd thld marked with cones and 3 lgts each side.

COMMUNICATIONS: CTAF/UNICOM 122.725

GETTYSBURG

GETTYSBURG RGNL (WØ5) 2 W UTC−5(−4DT) N39°50.48′ W77°16.48′ **WASHINGTON**

590 **FUEL** 100LL NOTAM FILE IPT **L–29E, 34F, A**

RWY 06–24: H3100X60 (ASPH) MIRL

RWY 06: Thld dsplcd 167′. Road. **RWY 24:** Thld dsplcd 542′. Trees.

AIRPORT REMARKS: Unattended. No fuel avbl for tran acft. ACTIVATE MIRL Rwy 06–24—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WESTMINISTER (H) VORTAC 117.9 EMI Chan 126 N39°29.70′ W76°58.72′ 335° 24.9 NM to fld. 820/08W. **HIWAS.**

SOUTHERN ADAMS CO HELIPORT (P98) 6 S UTC−5(−4DT) N39°45.67′ W77°16.52′ **WASHINGTON**

530 S4 NOTAM FILE IPT

HELIPAD H1: H60X60 (CONC)

HELIPORT REMARKS: Attended Mon–Fri 1300–2200Z‡. For attendance Sat; Sun; and holidays call arpt manager 717-334-0280 or 717-337-1515 between 1300–2200Z‡. Noise abatement procedures in effect, maintain 500 ft until inbound on apch heading—avoid overflight of houses N and S of heliport. Helipad H1 SE apch/dep primary; app/dep 145° ingress/325° egress; 340° ingress/160° egress. Helipad H1 24 ft marked P-line 201 ft NW; 19 ft hangar 125 ft N; 34 ft trees 788 ft SE.

COMMUNICATIONS: CTAF 122.9

GREATER PITTSBURGH INTL (See PITTSBURGH)

GREENE CO (See WAYNESBURG)

GREENSBURG JEANNETTE RGNL (See JEANNETTE)

GREENVILLE MUNI (4G1) 3 N UTC−5(−4DT) N41°26.81′ W80°23.48′ **DETROIT**

1202 B S2 **FUEL** 100LL NOTAM FILE AOO **L–30H**

RWY 15–33: H2703X75 (ASPH) S–12.5 MIRL **IAP**

RWY 15: REIL. PAPI (P2L)—GA 3.0° TCH 35′. Trees.

RWY 33: REIL. PAPI(P2L)—GA 3.4° TCH 31′. Trees.

RWY 05–23: 2551X118 (TURF)

RWY 05: Thld dsplcd 984′. Tree. **RWY 23:** Trees.

AIRPORT REMARKS: Attended 1400Z‡–dusk. Unattended Thanksgiving; Christmas and New Years day. Deer and birds on and invof arpt. PAEW on and invof arpt. Rwy 05–23 soft and wet during spring thaw. Rwy 05–23 marked with orange cones. Rwy 05 has 984′ dsplcd thld marked with orange cones. PAPI Rwy 33 OTS indef. Rwy 15 REIL lgt on right side inoperative. Rwy 33 REIL lgt on left side inoperative. ACTIVATE MIRL Rwy 15–33—CTAF.

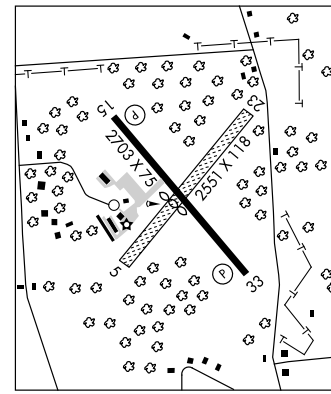
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100–0500Z‡)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 120.775 (0500–1100Z‡)

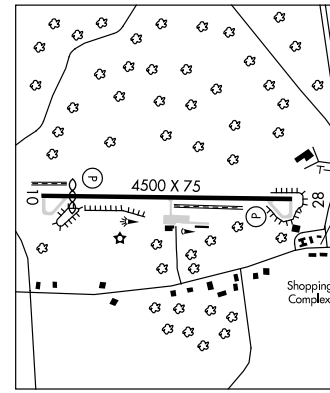
RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.

YOUNGSTOWN (L) VORTAC 109.0 YNG Chan 27 N41°19.86′ W80°40.48′ 066° 14.6 NM to fld. 1140/5W. **HIWAS.**



GRIMES (See BETHEL)

GROVE CITY (29D) 3 W UTC−5(−4DT) N41°08.76′ W80°10.07′ **DETROIT**
1371 B **FUEL** 100LL, JET A NOTAM FILE AOO **L–30H**
RWY 10–28: H4500X75 (ASPH) S–12.5 MIRL 1.2% up W **IAP**
RWY 10: REIL. PAPI(P2L). Thld dsplcd 590′. Tree.
RWY 28: REIL. PAPI(P2L). Trees.
AIRPORT REMARKS: Attended Mon–Sat 1400Z‡–dusk. Sun 1700–2200‡. CLOSED Thanksgiving, Christmas and New Years Day. Parachute Jumping. Avoid overflying fld during dalgt VFR because of parachute jumping activity NW corner of fld. Deer and geese on and invof arpt. Drainage ravine 15 ft deep located in safety area north of Rwy 10. Rwy 10 PAPI OTS indef. ACTIVATE MIRL Rwy 10–28–CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.7
ELLWOOD CITY RCO 122.1R 115.8T (ALTOONA RADIO)
Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100–0500Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 120.775 (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ELLWOOD CITY (H) VORTAC 115.8 EWC Chan 105
N40°49.50′ W80°12.69′ 014° 19.4 NM to fld. 1227/08W.



HANOVER (6W6) 1 W UTC−5(−4DT) N39°47.56′ W77°01.48′ **WASHINGTON**
560 NOTAM FILE IPT
RWY 09–27: 2550X100 (TURF)
RWY 09: Tree. **RWY 27:** Road.
AIRPORT REMARKS: Attended irregularly. Rwy 09–27 CLOSED for touch and go ldgs. Major airframe repairs avbl. Rwy 09–27 marked with yellow barrels.
COMMUNICATIONS: CTAF 122.9

HARRISBURG
(L) VORTAC 112.5 HAR Chan 72 N40°18.13′ W77°04.17′ 225° 8.4 NM to Carlisle. **DETROIT**
1301/10W. NOTAM FILE CXY **H–10H, L–29E, A**
VOR unusable:
146°–168° byd 20 NM blo 7000′
RCO 122.4 122.2 (WILLIAMSPORT RADIO)
RCO 122.1R 112.5T (WILLIAMSPORT RADIO)

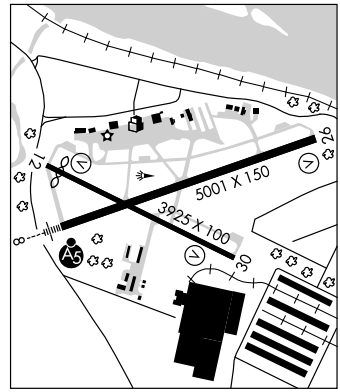
HARRISBURG

CAPITAL CITY (CXY) 3 SE UTC−5(−4DT) N40°13.03′ W76°51.09′ **NEW YORK**
347 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA—1500(1153) **H–10H, 12I, L–29E, 34G, A**
NOTAM FILE CXY **IAP, AD**

RWY 08–26: H5001X150 (ASPH–GRVD) S–65, D–105, ST–133, DT–185 HIRL
RWY 08: MALSR. Tree.
RWY 26: VASI(V4L)—GA 3.1° TCH 56′. Pole. Rgt tfc.
RWY 12–30: H3925X100 (ASPH) S–40, D–65, ST–82, DT–115 MIRL 0.3% up SE
RWY 12: REIL. VASI(V4L)—GA 3.9°TCH 62′. Thld dsplcd 147′. Pole. Rgt tfc.
RWY 30: REIL. VASI(V4L)—GA 4.0°TCH 62′. Tree.

LAND AND HOLD SHORT OPERATIONS

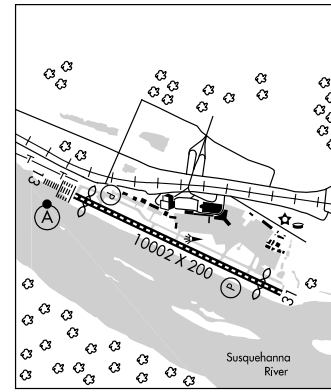
LANDING	HOLD SHORT POINT	DIST AVBL
RWY 26	12–30	3450



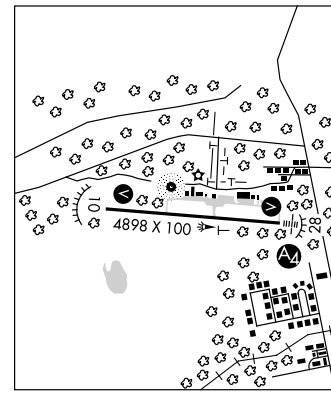
AIRPORT REMARKS: Attended 1100–0400Z‡. PPR for hazardous cargo. Bird flocks on and invof arpt. All rwys—for loads over 100,000 lbs. prior req. Arpt CLOSED to FAR PART 121 acft. When twr clsd HIRL Rwy 08–26 opr low ints. To ACTIVATE higher ints—CTAF. ACTIVATE MIRL Rwy 12–30, MALSR Rwy 08, and twy lgts—CTAF.
WEATHER DATA SOURCES: ASOS (717) 770–0880. LAWRS.
COMMUNICATIONS: CTAF 119.5 **ATIS** 134.95 **UNICOM** 122.95
HARRISBURG RCO 122.4 122.2 (WILLIAMSPORT RADIO)
Ⓡ **HARRISBURG APP/DEP CON** 126.45 (080°–179°) 124.1 (180°–309°) 118.25 (310°–079°)
TOWER 119.5 (1200–0200Z‡) **GND** 121.9
AIRSPACE: CLASS D svc 1200–0200Z‡ other times CLASS E.
TRSA svc ctc **APP CON** 20 NM out.
RADIO AIDS TO NAVIGATION: NOTAM FILE CXY.
LANCASTER (L) VORTAC 117.3 LRP Chan 120 N40°07.20′ W76°17.48′ 292° 26.4 NM to fld. 399/09W.
LATLE NDB (LOM) 219 CX N40°10.69′ W77°00.34′ 083° 7.5 NM to fld. Unmonitored when twr clsd.
ILS 109.1 I–CXY Rwy 08. LOM LATLE NDB. Coupled apch not authorized blo 940′. LOC unusable byd 30° right of course. BC unusable. Unmonitored when twr clsd.
COMM/NAV/WEATHER REMARKS: When twr clsd pickup clearance thru Harrisburg App Con on frequency 124.1 or via phone 1–800–932–0712.

HARRISBURG INTL (MDT) 8 SE UTC−5(−4DT) N40°11.59′ W76°45.76′ **NEW YORK**
310 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA—See Remarks LRA **H–10H, 12I, L–29E, 34G, A**
Class I, ARFF Index C NOTAM FILE MDT **IAP, AD**

RWY 13–31: H10002X200 (ASPH–GRVD) S–155, D–330, ST–175, DT–550 HIRL CL
RWY 13: ALSF2. TDZL. PAPI(P4L)–GA 3.0° TCH 75′. Thld dsplcd 993′. Tree.
RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 51′. Thld dsplcd 993′. Trees. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 13: TORA–10001 TODA–10001 ASDA–9063 LDA–8070
RWY 31: TORA–10001 TODA–10001 ASDA–9122 LDA–8132
AIRPORT REMARKS: Attended continuously. Bird flocks on and invof arpt. E apron clsd to transient acft without prior permission; call arpt manager 717–948–3921. Lgtd barricades on cargo ramp. No touch and go ldgs 0000–1100Z‡. TPA 1300(990) props; 1800(1490) jets. Rwy 13 touchdown, midfield and rollout rwy visual range avbl. Rwy 31 touchdown, midfield and rollout rwy visual range avbl. Rwy distance remaining signs unavailable indef. Ldg fee. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (717) 944–1372.
COMMUNICATIONS: ATIS 118.8
Ⓡ **HARRISBURG APP/DEP CON** 126.45 (080°–179°) 124.1 (180°–309°) 118.25 (310°–079°)
HARRISBURG INTL TOWER 124.8 **GND CON** 121.7
AIRSPACE: CLASS D svc continuously.
TRSA svc ctc **APP CON** 20 NM out.
RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.
LANCASTER (L) VORTAC 117.3 LRP Chan 120 N40°07.20′ W76°17.48′ 291° 22.1 NM to fld. 399/09W.
ENOLA NDB (LOM) 204 MD N40°14.78′ W76°54.03′ 127° 7.1 NM to fld.
ILS 110.9 I–MDT Rwy 13. Class IIIE. LOM ENOLA NDB. LOC unusable above 1,800 at thld; above 4,800 byd Outer Marker (6.4 NM).
ILS 110.9 I–HQA Rwy 31. Class IB.



HAZLETON MUNI (HZL) 2 NW UTC−5(−4DT) N40°59.21′ W75°59.69′ **NEW YORK**
1603 B S4 **FUEL** 100LL, JET A NOTAM FILE IPT **L–30K, 34G**
RWY 10–28: H4898X100 (ASPH) S–47, D–74, ST–94 MIRL **IAP**
RWY 10: REIL. VASI(V4L)—GA 3.3° TCH 56′. Trees.
RWY 28: MALS. VASI(V2R)—GA 3.25° TCH 47′. Trees. Rgt tfc.
AIRPORT REMARKS: Attended 1300–2100Z‡. Fuel svc after hrs by prior request 570–455–7641 or 570–436–4355. Parachute Jumping. Rwy 10 REIL OTS indef. ACTIVATE MIRL and VASI Rwy 10–28 REIL Rwy 10 and MALS Rwy 28—123.0. Rwy 28 VFR departure procedure right turn heading 300° at end of rwy. Computerized weather information avbl; modem access 570–655–3911. Ldg fee.
WEATHER DATA SOURCES: AWOS–3 119.975 (570) 459–4901.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **WILKES–BARRE APP/DEP CON** 126.3 **CLNC DEL** 121.7
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.
WILKES–BARRE (L) VORTACW 111.6 LVZ Chan 53 N41°16.37′ W75°41.37′ 229° 22.0 NM to fld. 2120/10W.
(T) VORW 109.4 HZL N40°58.51′ W76°07.55′ 092°6.0 NM to fld NOTAM FILE IPT.
HUMBOLT NDB (MHW) 366 HXM N40°59.31′ W75°59.82′ on fld. NOTAM FILE IPT. (VFR only). SHUTDOWN.
ILS 110.5 I–HZL Rwy 28. LOC. LOC unusable abv 5000′.



HONESDALE

CHERRY RIDGE (N3Ø) 3 S UTC−5(−4DT) N41°30.92′ W75°15.09′ **NEW YORK**
1357 B S4 **FUEL** 100LL NOTAM FILE IPT **L–30K, 33A, 34H**
RWY 18–36: H2420X50 (ASPH) S–10 LIRL(NSTD) 0.5% up N **IAP**
RWY 18: Trees. **RWY 36:** Thld dsplcd 417′. Trees.
AIRPORT REMARKS: Attended Apr–Oct 1200–0200Z‡, Nov–Mar 1300–2200Z‡. For fuel after hours call arpt manager 570–253–2276. Rotating bcn OTS indef. ACTIVATE bcn and NSTD LIRL Rwy 18–36—122.75. Rwy 18–36 NSTD LIRL 55′ from rwy edge.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WILKES–BARRE APP/DEP CON** 124.5
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.
WILKES–BARRE (L) VORTACW 111.6 LVZ Chan 53 N41°16.37′ W75°41.37′ 064° 24.6 NM to fld. 2120/10W

HONEY GROVE

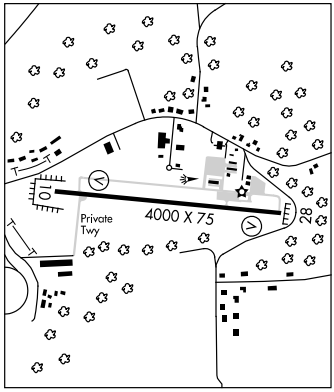
STOTTLE MEM HELIPORT (Ø2P) Ø SE UTC−5(−4DT) N40°24.22′ W77°33.40′ **DETROIT**
591 B NOTAM FILE IPT. Not insp **L–29D, A**
HELIPAD H1: 100X100 (TURF) **IAP**
HELIPORT REMARKS: Unattended. H1–100′ P–line (marked) 2130′ west, 40′ trees 110′ north and south, 5′ fence 54′ from H1. Helipad H1 ingress 050° egress 230°. Helipad H1 5 lgts each side with red patio block markers between each lgt and at corners. Heliport surface has 5.7% slope. ACTIVATE perimeter lgts Helipad H1—122.8. ACTIVATE rotating bcn—122.8
COMMUNICATIONS: CTAF/UNICOM 123.05
HARRISBURG APP/DEP CON 124.1
RADIO AIDS TO NAVIGATION: NOTAM FILE CXY.
HARRISBURG (L) VORTAC 112.5 HAR Chan 72 N40°18.13′ W77°04.17′ 295° 23.2 NM to fld. 1301/10W.

HORSHAM VALLEY AIRWAYS INC HELIPORT (N48) 2 NW UTC−5(−4DT) N40°12.12′ W75°10.69′ **NEW YORK**
250 S4 **FUEL** JET A NOTAM FILE IPT
HELIPAD H1: H65X65 (ASPH)
HELIPAD H1: Tree.
HELIPORT REMARKS: Attended Mon–Fri 1230–2300Z‡. For attendant on weekends call 215–674–2100. Avoid overflight of houses east and west. Rwy H1 has ingress 240° and 040°, egress 060° and 220°. Helipad H1 lgtd by flood lgts from building.
COMMUNICATIONS: CTAF/UNICOM 123.075

HUMBOLT N40°59.31′ W75°59.82′ NOTAM FILE IPT. **NEW YORK**
NDB (MHW) 366 HXM on Hazelton Muni. VFR only. SHUTDOWN.

INDIAN HEAD N39°58.45′ W79°21.50′ NOTAM FILE AOO. **CINCINNATI**
(L) VORTAC 108.2 IHD Chan 19 272° 13.8 NM to Connellsville. 2820/06W. **H–10H, L–29C**
RCO 122.1R 108.2T (ALTOONA RADIO)

INDIANA CO (JIMMY STEWART FLD) (IDI) 2 E UTC−5(−4DT) N40°37.93′ W79°06.33′ **DETROIT**
1405 B S2 **FUEL** 100LL, JET A NOTAM FILE IDI **L–29C**
RWY 10–28: H4000X75 (ASPH) S–18 MIRL 1.1% up E **IAP**
RWY 10: REIL. VASI(V2L)—GA 3.0°TCH 42′. Trees.
RWY 28: REIL. VASI(V2L)—GA 3.0° TCH 29′. Trees.
AIRPORT REMARKS: Attended 1230Z‡–dusk. Arpt attendance after hours by prior arrangement call 724–463–3883. CLOSED major holidays. Birds and deer on and invof arpt. Rwy 10 REIL OTS indef. Rwy 28 REIL OTS indef.
WEATHER DATA SOURCES: AWOS–3 126.625 (724) 463–8551.
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEVELAND CENTER APP/DEP CON 121.2
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
REVLOC (L) VOR/DME 110.6 REC Chan 43 N40°32.79′ W78°44.82′ 297°17.1 NM to fld. 2340/09W.
NDB (MHW) 242 INP N40°37.92′ W79°03.96′ 281° 1.7 NM to fld. SHUTDOWN.
ILS/DME 109.5 I–IDI Chan 32 Rwy 28 (LOC only). DME portion unusable byd 15 NM blo 3700′.



INTER CO (See IRWIN)

IRWIN

INTER CO (31D) 4 W UTC−5(−4DT) N40°20.00′ W79°46.75′ **DETROIT**
1250 TPA—2050(800) NOTAM FILE AOO
RWY E–W: 1960X120 (TURF–DIRT)
RWY E: Trees. **RWY W:** Tree.
AIRPORT REMARKS: Attended dalgt hours. Marked water tank approximately one-half mile E of arpt, unmarked cell tower near water tank and marked transmission line approximately 1575 ft E of arpt. Ultralight activity on and invof arpt. Deer on and invof arpt. Fence approximately 4′ high along south side of Rwy W and extends approximately 500′ into the approach surface. Turf rwy may be soft during spring thaw and wet periods. Call for current rwy conditions. Rwy E–W dog leg in rwy approximately 15°. Rwy E–W width varies from 120 ft to 275 ft. Rwy E–W 246′ west end marked safety area, 300′ east end marked safety area. Rwy E marked with red and white boundary markers. Rwy W marked with red and white boundary markers.
COMMUNICATIONS: CTAF 122.9

JAKE ARNER MEML (See LEHIGHTON)

JEANNETTE

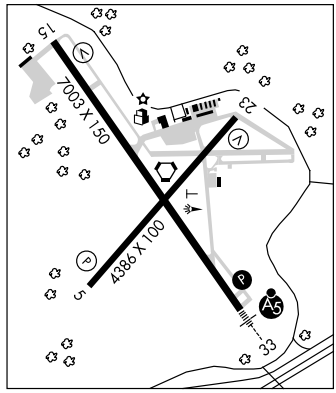
GREENSBURG JEANNETTE RGNL (5G8) 3 N UTC−5(−4DT) N40°22.59′ W79°36.50′ **DETROIT L–29C**
1188 B TPA—1988(800) NOTAM FILE AOO
RWY 02–20: H2605X50 (ASPH) MIRL
RWY 02: Trees. Rgt tfc. **RWY 20:** Trees.
AIRPORT REMARKS: Attended Mon–Fri 1400–2200Z‡. Parachute Jumping. Deer and birds on and invof arpt with occasional rwy incursions. Terrain drops off rapidly on both ends of rwy. ACTIVATE MIRL Rwy 02–20—CTAF, after 0500Z‡ rotating bcn by prior request 724–744–2900. Rwy 02–20 no twy lgts. NSTD rwy lgt spacing.
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.
ALLEGHENY (L) VOR/DME 110.0 AGC Chan 37 N40°16.72′ W80°02.45′ 082° 20.7 NM to fld. 1290/09W.
HIWAS.

JERSEY SHORE (P96) 2 E UTC−5(−4DT) N41°12.42′ W77°13.56′ **DETROIT**
547 B S2 **FUEL** 100LL NOTAM FILE IPT
RWY 09–27: 3060X130 (TURF) LIRL
RWY 09: Thld dsplcd 300′. Road.
RWY 27: Road.
AIRPORT REMARKS: Attended on call. Ultralgts on and invof arpt. Deer on and invof arpt. Rwy 09–27 outlined with reflectors, and Rwy lgts. ACTIVATE LIRL Rwy 09–27, and wind indicator—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.7

JOHN MURTHA JOHNSTOWN–CAMBRIA CO (See JOHNSTOWN)

JOHNSTOWN

JOHN MURTHA JOHNSTOWN–CAMBRIA CO (JST)(KJST) CIV/MIL/ANG/ARNG/AR 3 NE UTC−5(−4DT) **DETROIT**
N40°18.97′ W78°50.04′ **H–10H, 12I, L–29D**
2284 B S4 **FUEL** 100LL, JET A Class I, ARFF Index A NOTAM FILE JST **IAP, DIAP, AD**
RWY 15–33: H7003X150 (ASPH–GRVD) S–93, D–183, DT–357, DDT–845 HIRL
RWY 15: VASI(V4L)—GA 3.0° TCH 52′. Trees.
RWY 33: MALSR. PAPI (P4R)—GA 3.0° TCH 53′. Antenna.
RWY 05–23: H4386X100 (ASPH) S–62, D–87, ST–110 MIRL
RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 41′.
RWY 23: REIL. VASI(V4L)—GA 3.0° TCH 49′. Pole.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 05:	TORA–4386	TODA–4386	ASDA–4386	LDA–4386
RWY 15:	TORA–7003	TODA–7003	ASDA–7003	LDA–7003
RWY 23:	TORA–4386	TODA–4386	ASDA–4386	LDA–4386
RWY 33:	TORA–7003	TODA–7003	ASDA–7003	LDA–7003

AIRPORT REMARKS: Attended 1100–0500Z‡. Rwy 15 +6′ sign 70′ from thld 189′ left. Rwy 05 +6′ sign 73′ from thld 76′ left. Caution deer and birds on and in vicinity of arpt. 48 hrs PPR for unscheduled air carriers ops with more than 30 passenger seats; call arpt manager 814–536–0002. When twr clsd ACTIVATE HIRL Rwy 15–33, MALSR Rwy 33, PAPI Rwy 33, twy lgts Twy A, Twy B, Twy G, and main terminal apron—CTAF. MIRL Rwy 05–23 unavailable when twr clsd. Ldg fee.
MILITARY REMARKS: AR All fixed wing ramp use PPR ctc AR weekdays 1300–2130Z‡ C814–532–7600. Fixed wing park first 5 pads facing hangar. Ltd maintenance fixed wing. Ramp pilot controlled lgt twy and parking, 143.3. **ARNG** All tfc to ARNG ramp weekdays 1300–2130Z‡ ctc Keystone OPS, other times PPR C814–532–7720. Ramp pilot controlled lgts 143.3.
WEATHER DATA SOURCES: ASOS 118.325 (C814) 535–3511.
COMMUNICATIONS: CTAF 125.75 **UNICOM** 122.95 **ATIS** 118.325
JOHNSTOWN RCO 122.65 122.1R 113.0T (ALTOONA RADIO)
CLEVELAND CENTER APP/DEP CON 121.2 299.2
TOWER 125.75 (1100–0300Z‡) **GND CON** 121.6 **KEYSTONE OPS ARNG** 139.15 241.35 36.50
AIRSPACE: CLASS D svc 1100–0300Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE JST.
(L) VORTAC 113.0 JST Chan 77 N40°19.00′ W78°50.05′ at fld. 2280/6W.
VORTAC unusable 110°–135°
TACAN azimuth unusable 135°–175°
ILS 110.1 I–JST Rwy 33. Class IT. GS unusable byd 4° left of course. Unmonitored when twr clsd.
COMM/NAV/WEATHER REMARKS: UNICOM frequency 122.95 avbl for ground services only.

JOSEPH A. HARDY (See CONNELLSVILLE)

KAMPEL (See WELLSVILLE)

KEATING N41°12.90′ W78°08.57′ NOTAM FILE AOO. **DETROIT**
(H) VORTAC 116.0 ETG Chan 107 316° 20.1 NM to St. Marys Muni. 2250/10W. **H–10H, L–30I**
RCO 122.1R 116.0T (ALTOONA RADIO)

KELLER BROTHERS (See LEBANON)

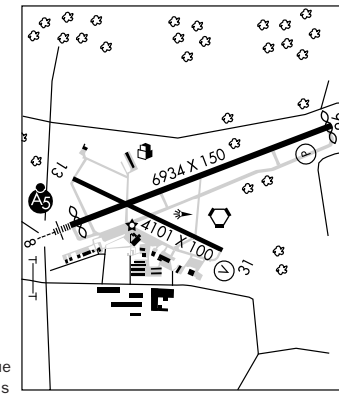
KRALLTOWN

BERMUDIAN VALLEY AIRPARK (Ø7N) 2 W UTC−5(−4DT) N40°01.01′ W77°00.23′ **DETROIT**
470 S4 NOTAM FILE IPT
RWY 16–34: 2200X100 (TURF)
RWY 16: Thld dsplcd 370′. Trees. **RWY 34:** Thld dsplcd 100′. Trees.
AIRPORT REMARKS: Attended irregularly. Field soft after prolonged rain. Rwy 16–34 marked with white painted tires. Ultralight and glider activity on and invof arpt. Rwy 16 and 34 dsplcd thlds marked with orange cones each side of rwy and 2 white tires east side of rwy.
COMMUNICATIONS: CTAF/UNICOM 122.8

LAKE HENRY N41°28.55′ W75°28.96′ NOTAM FILE IPT. **NEW YORK**
(L) VORTACW 110.8 LHY Chan 45 309° 14.1 NM to Seamans Fld. 2320/10W. **HIWAS. H–10I, 12J, L–30K, 33A, 34H**
VOR portion unusable 210°–265° byd 12 NM.

LAKE HILL (See MARS)

LANCASTER (LNS) 4 N UTC−5(−4DT) N40°07.34′ W76°17.66′ **NEW YORK**
403 B S4 **FUEL** 100LL, JET A OX 4 TPA–1403 (1000) Class II, ARFF Index A **H–10H, 12I, L–29E, 34G, A**
NOTAM FILE LNS **IAP, AD**



RWY 08–26: H6934X150 (ASPH–GRVD) S–65, D–92, ST–117, DT–146 HIRL 0.3% up W
RWY 08: MALSR. Thld dsplcd 203′. Road.
RWY 26: PAPI(P4L)—GA 3.0° TCH 47′. Thld dsplcd 59′.
RWY 13–31: H4101X100 (ASPH) S–65, D–92, ST–117, DT–146 MIRL
RWY 13: Tree.
RWY 31: REIL. VASI(V4L)—GA 3.0° TCH 37′.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 26	13–31	5190

RUNWAY DECLARED DISTANCE INFORMATION:

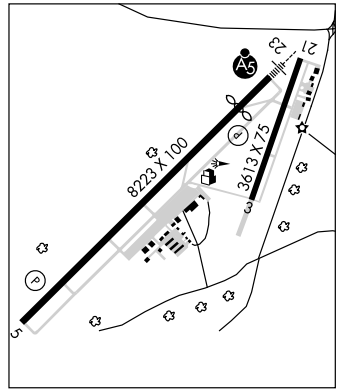
RWY 08:	TORA–6934	TODA–6934	ASDA–6475	LDA–6275
RWY 13:	TORA–4102	TODA–4102	ASDA–4102	LDA–4102
RWY 26:	TORA–6934	TODA–6934	ASDA–6234	LDA–5775
RWY 31:	TORA–4102	TODA–4102	ASDA–4102	LDA–4102

AIRPORT REMARKS: Attended Mon—Fri 1100–0300Z‡, Sat 1200–0100Z‡, Sun 1200–0300Z‡. AER 31 safety area unavbl due to reconstruction project. Rwy 08 thld markings missing. Numerals and touchdown some markings not spaced as required due to location of tmpry dsplcd thld. Rwy lgts and MALSR unmonitored when twr clsd. PPR 24 hours for air carrier ops with more than 30 passenger seats, call arpt manager 717–569–1221. When twr clsd ACTIVATE HIRL Rwy 08–26, MALSR Rwy 08, MIRL Rwy 13–31, REIL Rwy 31, and twy lgts—CTAF.
WEATHER DATA SOURCES: ASOS (717) 569–8860.
COMMUNICATIONS: CTAF 120.9 **ATIS** 125.675 **UNICOM** 122.95
RCO 122.1R 117.3T (WILLIAMSPORT RADIO)
Ⓡ **HARRISBURG APP/DEP CON** 126.45
TOWER 120.9 (1100–0400Z‡) **GND CON** 121.8
AIRSPACE: CLASS D svc effective 1100–0400Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.
(L) VORTAC 117.3 LRP Chan 120 N40°07.20′ W76°17.48′ at fld. 399/09W.
VOR unusable:
195°–220° byd 25 NM blo 3000′
221°–273° byd 21 NM blo 4500′
320°–340° byd 18 NM blo 5000′
320°–340° byd 25 NM blo 6000′
DME unusable 331°–039° byd 30 NM.
ILS 108.7 I–LNS Rwy 08. Class IE ILS unmonitored when twr clsd.
COMM/NAV/WEATHER REMARKS: When twr clsd pickup clearance TF 800–932–0712.

LATLE N40°10.69′ W77°00.34′ NOTAM FILE CXY.
NDB (LOM) 219 CX 083° 7.5 NM to Capital City. Unmonitored when Capital City twr clsd.

LATROBE

ARNOLD PALMER RGNL (LBE) 2 SW UTC−5(−4DT) N40°16.48′ W79°24.41′ **DETROIT**
1199 B S4 **FUEL** 100LL, JET A OX 3 Class I, ARFF Index A. NOTAM FILE LBE **H–10H, 12I, L–29C**
RWY 05–23: H8223X100 (ASPH–GRVD) S–68, D–90, ST–114, DT–150 PCN 39 F/B/X/U HIRL **IAP, AD**
RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 34′. Trees. 1.4% down.
RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 55′. Thld dsplcd 850′. Rgt tfc.
RWY 03–21: H3613X75 (ASPH) S–22 PCN 18 F/C/X/U MIRL
RWY 03: Pole.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 03:	TORA–3609	TODA–3609	ASDA–3609	LDA–3609
RWY 05:	TORA–8223	TODA–8223	ASDA–8223	LDA–8223
RWY 21:	TORA–3609	TODA–3609	ASDA–3609	LDA–3609
RWY 23:	TORA–8223	TODA–8223	ASDA–8223	LDA–7373

AIRPORT REMARKS: Attended continuously. Rwy 03–21 CLOSED to air carrier acft. Deer and birds on and invof arpt. Twy J restricted to acft with a wingspan less than 49′. NSTD Rwy 03 thld bar located on blast pad and not in proper location; blast pad chevrons are incomplete. MIRL Rwy 03–21, Twys J, G, H and Twy B west of Rwy 03–21 unavailable when twr clsd. Rwy 23 MALSR OTS when twr open. When twr clsd ACTIVATE HIRL Rwy 05–23, REIL Rwy 05 and MALSR Rwy 23, Twy lgts A, B, C and D—CTAF. Ldg fee.
WEATHER DATA SOURCES: AWOS–3 118.375 724–537–0671.
COMMUNICATIONS: CTAF 125.0 **ATIS** 118.375
CLEVELAND CENTER APP/DEP CON 124.4
PALMER TOWER 125.0 (1115–0300Z‡)
GND CON 121.8
AIRSPACE: CLASS D svc 1115–0300Z‡, other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
INDIAN HEAD (L) VORTAC 108.2 IHD Chan 19 N39°58.45′ W79°21.50′ 359°18.1 NM to fld. 2820/06W.
BENJE NDB (NHW) 382 BHU N40°22.53′ W79°16.30′ 233° 8.7 NM to fld. NOTAM FILE LBE.
ILS 110.9 I–LBE Rwy 23. Class IA. ILS unmonitored when twr clsd.

LEBANON

KELLER BROTHERS (Ø8N) 5 SE UTC−5(−4DT) N40°17.51′ W76°19.73′ **NEW YORK**
550 B NOTAM FILE IPT
RWY 07–25: 2635X120 (TURF) LIRL (NSTD)
RWY 07: Thld dsplcd 275′. Tree. **RWY 25:** Thld dsplcd 600′. Tree.
AIRPORT REMARKS: Unattended. ACTIVATE rotating beacon and wind indicator lgt and LIRL Rwy 07–25—121.9. Rwy 07–25 NSTD LIRL; rwy ends identified by 2 strobe lgts and NSTD thld lgt fixtures. Rwy 07–25 outlined with lights and yellow panels. ACTIVATE rotating bcn and LIRL Rwy 07–25—121.9.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800–932–0712.

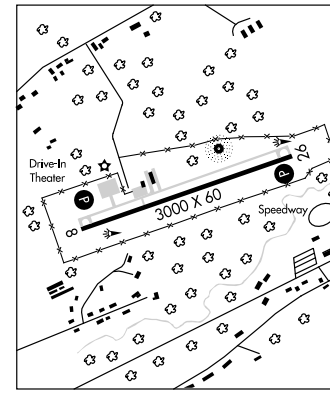
LEEHI

N40°35.15′ W75°32.97′ NOTAM FILE ABE.
NDB (LOM) 400 AB 061°6.4 NM to Lehigh Valley Intl.

LEHIGHTON

BELTZVILLE (14N) 3 E UTC−5(−4DT) N40°50.66′ W75°38.13′ **NEW YORK**
899 S2 **FUEL** 100LL NOTAM FILE IPT
RWY 08–26: 2020X100 (TURF) S–5
RWY 08: Thld dsplcd 360′. Road. **RWY 26:** Trees.
AIRPORT REMARKS: Attended irregularly. For svc call 610–377–4887. Ultralights on and invof arpt. Rwy 08–26 not plowed during winter months. Rwy 08–26 thlds marked with white markers; north side of rwy and dsplcd thlds marked with lime/paint.
COMMUNICATIONS: CTAF 122.9

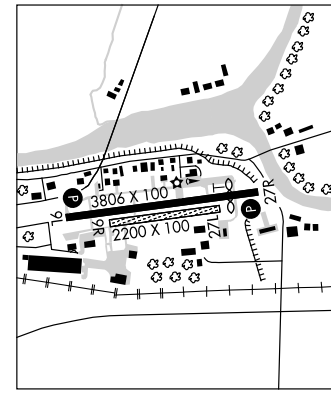
JAKE ARNER MEML (22N) 3 SW UTC−5(−4DT) N40°48.57′ W75°45.69′ **NEW YORK**
534 B S4 **FUEL** 100LL, JET A NOTAM FILE IPT **L–30K, 34G**
RWY 08–26: H3000X60 (ASPH) S–12.5 MIRL 0.8% up E **IAP**
RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.
RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. 24 hr self–serve 100LL and JET A. ACTIVATE MIRL Rwy 08–26, REILS and PAPI Rwy 08 and Rwy 26 —CTAF.
WEATHER DATA SOURCES: ASOS 119.350 (570) 386–3423.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ **ALLENTOWN APP/DEP CON** 119.65 (Above 3000) 118.2 (3000 and blo)
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
EAST TEXAS (L) VORW/DME 110.2 ETX Chan 39 N40°34.86′ W75°41.04′ 355° 14.1 NM to fld. 742/09W.
CARBON NDB (MHW) 339 LQX N40°48.72′ W75°45.55′ at fld. Unusable byd 12 NM.



LEHIGH VALLEY INTL (See ALLENTOWN)

LOCK HAVEN

WILLIAM T. PIPER MEMORIAL (LHV) 2 E UTC−5(−4DT) N41°08.14′ W77°25.34′ **DETROIT**
556 B S4 **FUEL** 100LL, JET A NOTAM FILE IPT **L–30J**
RWY 09L–27R: H3806X100 (ASPH) S–30 MIRL **IAP**
RWY 09L: REIL. PAPI(P2L)—GA 3.0° TCH 50′. Tree.
RWY 27R: REIL. PAPI(P2L)—GA 3.0° TCH 50′. Thld dsplcd 465′. Tree. Rgt tfc.
RWY 09R–27L: 2200X100 (TURF)
RWY 27L: Trees. Rgt tfc.
AIRPORT REMARKS: Attended Mon–Fri 1300–2300Z‡, Sat–Sun 1500–2300Z‡. Fuel avbl after hrs by prior req; call 570–748–9267 or 570–295–7952 or 800–224–7511. ACTIVATE MIRL Rwy 09–27 and PAPI Rwy 09 and Rwy 27—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
PHILIPSBURG (H) VORTAC 115.5 PSB Chan 102 N40°54.98′ W77°59.56′ 073° 29.1 NM to fld. 2440/10W.
COMM/NAV/WEATHER REMARKS: Local wx on CTAF (3 clicks).



MARS

LAKEHILL (PØ9) 1 NW UTC−5(−4DT) N40°42.42′ W80°01.82′ **DETROIT**
1030 NOTAM FILE AOO
RWY 05–23: 2850X75 (TURF)
RWY 05: Thld dsplcd 366′. Trees. **RWY 23:** Trees.
AIRPORT REMARKS: Unattended. CLOSED when snow on rwy. Rwy 05 has trees in approach surface. Rwy 23 has trees in approach surface. Rwy 05–23 width varies from 75′ to 100′. Rwy soft during wet and thawing periods. Rwy 05–23 marked with orange cones.
COMMUNICATIONS: CTAF 122.9

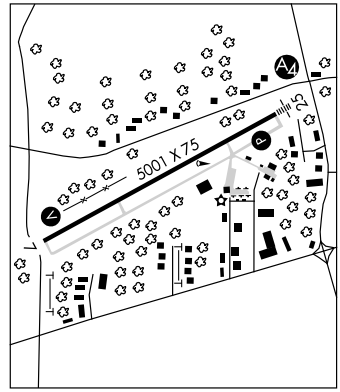
McGINNESS (See COLUMBIA)

McKEESPORT N40°21.31′ W79°46.86′ NOTAM FILE AGC. **DETROIT**
NDB (HW) 287 MKP 277° 6.8 NM to Allegheny Co. **L–29C**

McVILLE (See FREEPORT)

MEADVILLE

PORT MEADVILLE (GKJ) 3 W UTC−5(−4DT) N41°37.59′ W80°12.88′ — DETROIT
1399 B S4 **FUEL** 100LL, JET A NOTAM FILE GKJ — H–10H, L–30H
RWY 07–25: H5001X75 (ASPH) S–12, D–60 MIRL — IAP
RWY 07: VASI(V4L)—GA 3.0°TCH 60′. Trees.
RWY 25: MALS. PAPI(P4L)—GA 3.0° TCH 41′. Trees.
AIRPORT REMARKS: Attended 1300–2200Z‡. Parachute Jumping. Birds, deer and ground hogs on and invof arpt. Terminal building clsd major holidays. Hrs 0800–1200 LOCAL on warm wx holidays (Memorial Day, 4th of July, Labor Day). ACTIVATE MIRL Rwy 07–25, VASI Rwy 07; PAPI Rwy 25 and MALS Rwy 25—CTAF. Ldg fees vary, call arpt at 814–333–2677 for fee amounts.
WEATHER DATA SOURCES: ASOS 121.425 (814) 337–2590.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100–0500Z‡) **CLNC DEL** 124.95
Ⓡ **CLEVELAND CENTER APP/DEP CON** 120.775 (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.
YOUNGSTOWN (L) VORTAC 109.0 YNG Chan 27 N41°19.86′ W80°40.48′ 054° 27.3 NM to fld. 1140/05W. **HIWAS.**
ILS 108.5 I–GKJ Rwy 25. Loc only.



MID ATLANTIC SOARING CENTER (See FAIRFIELD)

MID–STATE (See PHILIPSBURG)

MIFFLIN CO (See REEDSVILLE)

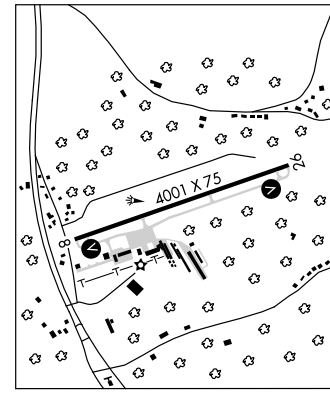
MIFFLINTOWN (P34) 2 N UTC−5(−4DT) N40°35.94′ W77°24.34′ — DETROIT
545 B **FUEL** 100LL, MOGAS NOTAM FILE IPT — L–30J
RWY 08–26: H2627X50 (ASPH) LIRL — IAP
RWY 08: Thld dsplcd 232′. **RWY 26:** Tree.
AIRPORT REMARKS: Attended irregularly. ACTIVATE rotating beacon, LIRL Rwy 08–26 and wind indicator lgts—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8.
RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.
SELINSGROVE (L) VORTAC 110.4 SEG Chan 41 N40°47.45′ W76°53.04′ 252° 26.4 NM to fld. 620/08W. **HIWAS.**

MILTON N41°01.40′ W76°39.92′ NOTAM FILE IPT. — NEW YORK
(L) VORTACW 109.2 MIP Chan 29 107° 11.3 NM to Bloomsburg Muni. 1000/09W — H–10H, L–30J

MODENA N39°55.08′ W75°40.25′ NOTAM FILE IPT. — WASHINGTON
(L) VORTAC 113.2 MXE Chan 79 230° 7.0 NM to New Garden. 474/09W. **HIWAS.** — H–10I, 12I, L–34G, A
VOR portion unusable:
060°–085°
170–248° byd 8 NM blo 6000′
170°–248° byd 27 NM blo 7500′
170°–248° byd 30 NM blo 9500′
268°–278° byd 28 NM
278°–290° blo 10,000′
290°–326°
RCO 122.1R 113.2T (WILLIAMSPORT RADIO)

MONONGAHELA

ROSTRAVER (FWQ) 5 E UTC−5(−4DT) N40°12.58′ W79°49.89′ **DETROIT**
1228 B S4 **FUEL** 100LL, JET A NOTAM FILE AOO **L–29C**
RWY 08–26: H4001X75 (ASPH–GRVD) S–26, D–30 MIRL **IAP**
RWY 08: REIL. VASI(V4R)—GA 3.0°TCH 53′. Brush.
RWY 26: REIL. VASI(V4L)—GA 3.0°TCH 50′. Trees.
AIRPORT REMARKS: Attended Mon–Fri 1200–2000Z‡, On call after hrs ctc 724–640–6193/6349. Deer and birds on and invof arpt. Rwy 08 rgt tfc helicopter/ultralights. Rwy 26 Rgt tfc helicopter/ultralights. ACTIVATE MIRL Rwy 08–26; VASI Rwy 08 and Rwy 26, REIL Rwy 08 and Rwy 26—CTAF.
WEATHER DATA SOURCES: AWOS–3 118.475 (724) 379–5815.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PITTSBURGH APP/DEP CON** 119.35
RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.
ALLEGHENY (L) VOR/DME 110.0 AGC Chan 37 N40°16.72′ W80°02.45′ 122° 10.5 NM to fld. 1290/09W. **HIWAS.**



MONROEVILLE

PITTSBURGH–MONROEVILLE (4GØ) 1 N UTC−5(−4DT) N40°27.14′ W79°46.49′ **DETROIT**
1187 S2 TPA—1987(800) NOTAM FILE AOO
RWY 05–23: H2280X28 (ASPH)
RWY 05: Trees. **RWY 23:** Rgt tfc.
AIRPORT REMARKS: Attended irregularly. Deer on and invof arpt. Rwy 05–23 extensive cracks and uneven patches.
COMMUNICATIONS: CTAF 122.9

MONTOUR N40°29.29′ W80°11.63′ NOTAM FILE PIT. **DETROIT**
(L) VORTAC 112.0 MMJ Chan 57 284° 1.8 NM to Pittsburgh Intl. 1200/08W. **L–29C**
VOR portion unusable 277°–010°.
DME unusable 272°–277°.
RCO 122.1R 112.0T (ALTOONA RADIO)

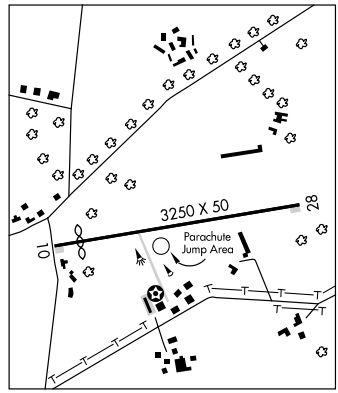
MONTROSE

HUSKY HAVEN (P32) 3 S UTC−5(−4DT) N41°47.34′ W75°53.40′ **NEW YORK**
1670 NOTAM FILE IPT
RWY 10–28: 1900X100 (TURF)
AIRPORT REMARKS: Unattended. For evening ops call 516–790–9183. Ultralights on and invof arpt. Rwy 10–28 not plowed during winter months. Rwy 10–28 marked with tires painted yellow.
COMMUNICATIONS: CTAF 122.9

MORGANTOWN (OØ3) 1 E UTC−5(−4DT) N40°09.42′ W75°52.23′ **NEW YORK**
600 **FUEL** 100LL NOTAM FILE IPT
RWY 10–28: 2500X100 (TURF) LIRL
RWY 10: Thld dsplcd 435′. Road.
AIRPORT REMARKS: Attended irregularly. Glider activity on arpt. ACTIVATE LIRL Rwy 10–28 and windsock lgts—CTAF. Rwy 10–28 marked with yellow tires and lgts. Dsplcd thld Rwy 10 marked by lgt fixtures with yellow collars; 3 each side.
COMMUNICATIONS: CTAF 122.9

MOUNT JOY/MARIETTA

DONEGAL SPRINGS AIRPARK (N71) 3 SW UTC−5(−4DT) N40°05.53′ W76°34.46′ **NEW YORK**
458 B S4 **FUEL** 100LL OX 2, 3 TPA—1258(800) NOTAM FILE IPT **L–29E, 34G, A**
RWY 10–28: H3250X50 (ASPH) S–12.5 MIRL **IAP**
RWY 10: Thld dsplcd 390′. Tree. **RWY 28:** Trees.
AIRPORT REMARKS: Attended Mon–Fri 1300Z‡–dusk, Sat 1400–1900Z‡. Parachute Jumping. Rwy 10 dsplcd thld bar 300′ from rwy end, dsplcd thld lgts 390′ from rwy end. ACTIVATE MIRL Rwy 10–28 and rotating bcn between 0500Z‡–SR—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **HARRISBURG APP/DEP CON** 126.45 **CLNC DEL** 127.05
RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.
LANCASTER (L) VORTAC 117.3 LRP Chan 120 N40°07.20′ W76°17.48′ 272° 13.1 NM to fld. 399/09W.



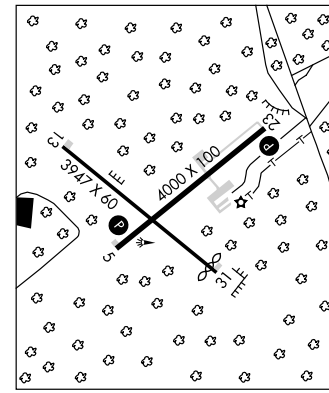
MOUNT PLEASANT

MOUNT PLEASANT/SCOTTDALE (P45) 3 S UTC−5(−4DT) N40°06.50′ W79°32.49′ **DETROIT**
1160 NOTAM FILE AOO
RWY 06–24: 2188X161 (TURF)
RWY 06: Thld dsplcd 254′. Trees.
RWY 14–32: 1600X220 (TURF)
RWY 14: Road. **RWY 32:** Trees.
AIRPORT REMARKS: Unattended. Extensive helicopter activity at adjacent heliport. Ultralight activity on and invof arpt. Ultralight acft use 500 ft AGL rgt tfc pattern for all rwys. Rwys unusable during spring thaw and wet periods. Rwy 14 road crosses centerline 128′ northwest, angling to the left side of thld. Rwy 14–32 marked with NSTD yellow boundary markers–barrels. Rwy 06–24 marked with nstd yellow boundary markers–barrels. Rwy 06 dsplcd thld marked with contrasting red boundary markers. Rwy 32 Boundary markers are rusting. Rwy 06–24 first 375 ft AER 06 has 7% gradient.
COMMUNICATIONS: CTAF 122.9

W.P.H.S. HELIPORT (P99) 3 S UTC−5(−4DT) N40°06.51′ W79°32.89′ **DETROIT**
1090 S4 **FUEL** JET A NOTAM FILE AOO
HELIPAD H1: H74X74 (CONC–ASPH)
HELIPORT REMARKS: Attended Mon–Fri 1300–2200Z‡. Helipad H1 CONC touchdown pad 42 ft by 42 ft; remainder of ldg area is asph. Fixed wing tfc adjacent at Mount Pleasant–Scottdale arpt. Helipad HI ingress 320°–050°, egress 140°–230°.
COMMUNICATIONS: CTAF 122.9

MOUNT POCONO

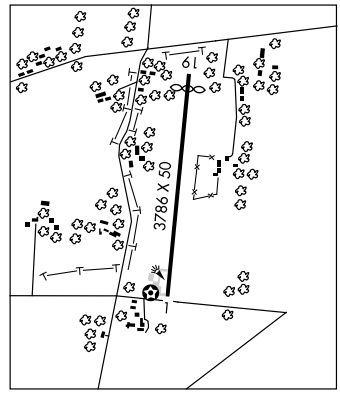
POCONO MOUNTAINS MUNI (MPO) 2 NW UTC−5(−4DT) N41°08.25′ W75°22.73′ **NEW YORK**
1915 B S4 **FUEL** 100LL, JET A NOTAM FILE MPO **L–30K, 33A, 34H**
RWY 05–23: H4000X100 (ASPH) S–30, D–45, DT–70 MIRL 1.0% up NE **IAP**
RWY 05: REIL. PAPI(P2L). Trees.
RWY 23: REIL. PAPI(P2L). Road.
RWY 13–31: H3947X60 (ASPH) S–10 MIRL
RWY 13: REIL. Tree. **RWY 31:** Thld dsplcd 180′. Trees.
AIRPORT REMARKS: Attended Nov–Apr 1200–2300Z‡, May–Oct 1200–0000Z‡. For svc after hours call 570–877–3701. 24 hr self service 100LL avbl. Birds and deer on and invof arpt. REIL Rwy 05 OTS indef. REIL Rwy 23 OTS indef. ACTIVATE MIRL Rwys 05–23 and Rwy 13–31 and PAPI Rwys 05 and 23;REIL Rwy 05, 23 and 13—CTAF.
WEATHER DATA SOURCES: ASOS 120.275 (570) 839–1584.
COMMUNICATIONS: CTAF 122.7 **UNICOM** 122.7 (1300Z‡–dusk)
Ⓡ **WILKES–BARRE APP/DEP CON** 126.3 **CLNC DEL** 125.3
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.
WILKES–BARRE (L) VORTACW 111.6 LVZ Chan 53 N41°16.37′ W75°41.37′ 130° 16.2 NM to fld. 2120/10W.



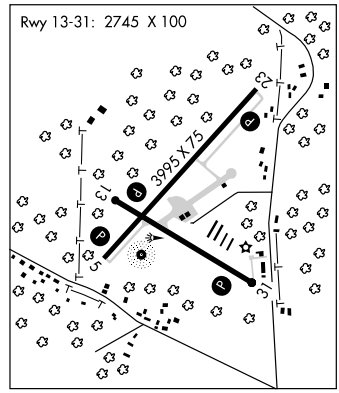
MUIR AAF (FORT INDIANTOWN GAP) (MUI)(KMUI) ARNG 6 N UTC−5(−4DT) **NEW YORK**
N40°26.11′ W76°34.12′ **L–30J, 34G, A**
488 B TPA–See Remarks NOTAM FILE IPT Not insp. **DIAP**
RWY 07–25: H3967X100 (ASPH) PCN 24 F/B/W/T MIRL 1.0% up E
RWY 07: Thld dsplcd 400′. **RWY 25:** PAPI(P4L)—GA 3.0° TCH 50′. Thld dsplcd 100′.
MILITARY SERVICE: LGT ACTIVATE PAPI Rwy 25—CTAF. **FUEL** J8. PPR, 24 hr weekdays, 48 hr weekends, for fuel and parking through ARNG OPS C717–861–8963, DSN 491–8963.
MILITARY REMARKS: Opr 1 Apr–31 Oct Mon–Fri 1400–0500Z‡. 1 Nov–31 Mar Mon–Fri 1300–0300Z‡. Open additional hrs for scheduled training. See FLIP AP/1 Supplementary Arpt Remark. **RSTD** PPR 24 hr, call during normal duty hr. PPR all transient aircraft. Ctc OPS DSN 491–8963, C717–861–8963. **CAUTION** Rwy has gradual 30′ rise from AER 07 to a point 2800′ up rwy, rwy ends not mutually visible. Lgtd water twr 0.7 NM west and 0.5 NM south of airfield. **TFC PAT** TPA–fixed–wing, multi–engine 2000(1512), single–engine 1500(1012), rotary wing 1200(712). **MISC** Limited parking. Weather 1200–0300Z‡ excluding weekend and holidays, other times ctc 15 OWS, Scott AFB, DSN 576–9755; 2 hr lead time required.
WEATHER DATA SOURCES: ASOS 124.175 (717) 861–6493. DSN 491–6493.
COMMUNICATIONS: CTAF 126.2
Ⓡ **HARRISBURG APP/DEP CON** 118.25 269.45
TOWER 126.2 241.0 (Mon–Fri 1200–0400Z‡, except holidays, check NOTAM daily)
GND CON 121.625 265.6 **ARNG OPS** 49.95 **FLIGHT FOLLOWING** 40.9
AIRSPACE: CLASS D svc Mon–Fri 1200–0400Z‡, except holidays, check NOTAM daily, other time CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
BELLGROVE NDB (MHW) BZJ 328 N40°26.16′ W76°33.18′ at fld.

MYERSTOWN

DECK (9D4) 1 SW UTC−5(−4DT) N40°21.13′ W76°19.78′ NEW YORK
523 B S4 **FUEL** 100LL, JET A OX 1, 3 NOTAM FILE IPT L–30J, 34G, A
RWY 01–19: H3786X50 (ASPH) S–12 MIRL 0.3% up N IAP
RWY 01: REIL(NSTD). Tree.
RWY 19: REIL(NSTD). Thld dsplcd 187′.
AIRPORT REMARKS: Attended 1200–0200Z‡. Acft hangar 570′ behind Rwy 01 thld and 212′ left, unlgtd. Acft parked 57′ behind Rwy 01 thld and 132′ left. ACTIVATE MIRL Rwy 01–19; REIL Rwys 01 and 19; and rotating beacon—CTAF. Rwy 01–19 NSTD REILS—strobe lgts identify rwy ends.
COMMUNICATIONS: CTAF/UNICOM 122.8
HARRISBURG APP/DEP CON 118.25
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
RAVINE (L) VORTAC 114.6 RAV Chan 93 N40°33.20′ W76°35.96′ 145° 17.3 NM to fld. 1750/11W.
COMM/NAV/WEATHER REMARKS: For pick–up clearance TF 1–800–932–0712.



NEW CASTLE MUNI (UCP) 4 NW UTC−5(−4DT) N41°01.52′ W80°24.81′ DETROIT
1070 B S4 **FUEL** 100LL, JET A NOTAM FILE AOO L–30H
RWY 05–23: H3995X75 (ASPH) S–12.5 MIRL 0.4% up SW IAP
RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 53′. Trees.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 59′. Trees.
RWY 13–31: H2745X100 (ASPH) S–12.5 2.0% up SE
RWY 13: PAPI(P2L)—GA 3.0° TCH 55′.
RWY 31: PAPI(P2L)—GA 3.0° TCH 57′. Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. ACTIVATE MIRL Rwy 05–23 PAPI Rwy 05, Rwy 23, Rwy 13, and Rwy 31, REIL Rwy 05 and Rwy 23—CTAF.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100–0500Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725 (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.
YOUNGSTOWN (L) VORTAC 109.0 YNG Chan 27 N41°19.86′ W80°40.48′ 152° 21.8 NM to fld. 1140/5W. **HIWAS.**
CASTLE NDB (MHW) 272 UCP N41°01.38′ W80°24.95′ at fld. NOTAM FILE AOO.



NEW GARDEN (See TOUGHKENAMON)

NEWRY

BLUE KNOB VALLEY (7G4) 1 W UTC−5(−4DT) N40°23.76′ W78°27.24′ DETROIT
1270 S2 **FUEL** 100LL NOTAM FILE AOO
RWY 11–29: 3415X89 (GRVL)
RWY 11: Thld dsplcd 300′. Road. **RWY 29:** Trees. Rgt tfc.
AIRPORT REMARKS: Attended irregularly. Rwy 11–29 surface is rolled slate. Rwy 11 dsplcd thld marked with yellow L's each side. Rwy 11–29 dimensions marked with boundary markers; fair condition. Arpt surrounded by mountains. Loose stones on rwy, twy and ramp.
COMMUNICATIONS: CTAF/UNICOM 122.8

NORTHEAST PHILADELPHIA (See PHILADELPHIA)

NORTH PHILADELPHIA N40°04.92′ W75°00.57′ NOTAM FILE PNE. NEW YORK
L–34G, A
(T) VOR 112.0 PNE at Northeast Philadelphia.
VOR unusable
061°–090° byd 9 NM blo 6000′ 246°–359° byd 6 NM blo 6000′
091°–199°
RCO 122.6 122.2 (WILLIAMSPORT RADIO)

NORTHUMBERLAND CO (See SHAMOKIN)

PALMYRA

REIGLE FLD (58N) 2 S UTC−5(−4DT) N40°17.26′ W76°34.65′ NEW YORK
489 B S4 FUEL 100LL, MOGAS NOTAM FILE IPT
RWY 13–31: H1950X40 (ASPH) S–12.5 LIRL (NSTD)
RWY 13: Tree. RWY 31: Thld dsplcd 300′. Tree.
AIRPORT REMARKS: Attended 1400–2200Z‡. Rwy 13–31 Rwy 13 first 110 ft unlgtd; Rwy 31 first 60 ft unlgtd; 1780 ft of rwy lgtd. Rwy 13–31 NSTD LIRL; lgts located 125 ft left and right of centerline. Rwy 31 dsplcd thld identified at ngt by one green lgt each side of rwy. ACTIVATE LIRL Rwy 13–31 and rotating beacon—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: For pickup clearance, TF 800–932–0712.

PENN VALLEY (See SELINSGROVE)

PENNRIDGE (See PERKASIE)

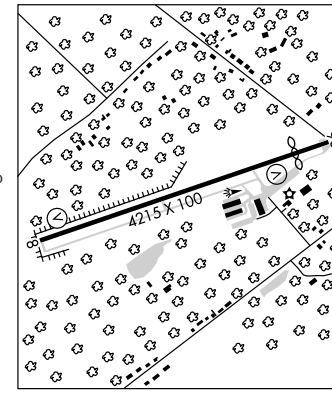
PENNS CAVE (See CENTRE HALL)

PENN'S LANDING HELIPORT (See PHILADELPHIA)

PENUE N40°54.62′ W77°44.51′ NOTAM FILE UNV.
NDB (LOM) 388 UN 242° 6.2 NM to University Park.

PERKASIE

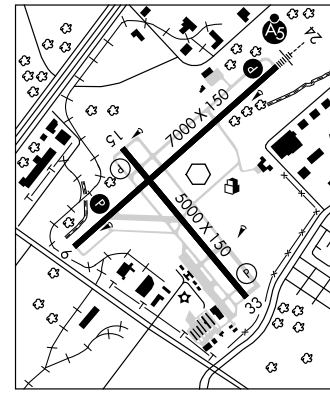
PENNRIDGE (CKZ) 1 N UTC−5(−4DT) N40°23.35′ W75°17.43′ NEW YORK
568 B S4 FUEL 100LL, JET A TPA—See Remarks NOTAM FILE IPT L–33A, 34G, A
RWY 08–26: H4215X100 (ASPH–PFC) D–26 MIRL 1.1% up E IAP
RWY 08: REIL. SAVASI(S2L). GA 4.0° TCH 21′. Trees.
RWY 26: REIL. SAVASI(S2L). GA 4.0° TCH 21′. Thld dsplcd 360′. Trees.
AIRPORT REMARKS: Attended daylight hours. For svc after hrs ctc 267–718–4254. Parachute Jumping. Occasional deer and wild turkeys on and invof rwy. Skydiving activities daily dawn to dusk. Rwy 08–26 CLOSED to touch and go ldgs. TPA for light acft 1368(800); TPA for turbo prop and jets 1768(1200). PPR for acft operating over 26,000 lbs ctc arpt mgr at 215–257–0166 prior to arrival.
WEATHER DATA SOURCES: AWOS–3 126.325 (215) 257–7291.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ PHILADELPHIA APP/DEP CON 123.8 CLNC DEL 118.55 TF 800–354–9884
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
EAST TEXAS (L) VORW/DME 110.2 ETX Chan 39 N40°34.86′ W75°41.04′ 131° 21.4 NM to fld. 742/9W.
QUAKERTOWN NDB (MHW) 208 UKT N40°25.49′ W75°17.84′ 184°2.2 NM to fld. Monitored dalgt hours only. Unusable byd 10 NM.



PERKIOMEN VALLEY (See COLLEGEVILLE)

PHILADELPHIA

NORTHEAST PHILADELPHIA (PNE) 10 NE UTC−5(−4DT) N40°04.92′ W75°00.64′ **NEW YORK**
120 B S4 **FUEL** 100LL, JET A OX 1, 3, 4 TPA—See Remarks LRA **H–10I, 12I, L–34G, A**
NOTAM FILE PNE **IAP, AD**



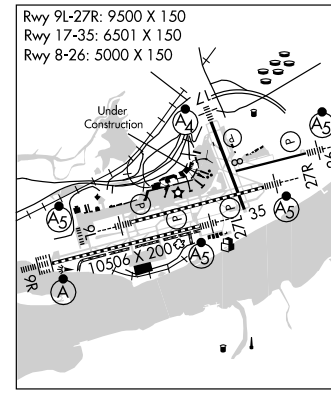
RWY 06–24: H7000X150 (ASPH–GRVD) S–60, D–90, ST–114 HIRL
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 57′. Trees.
RWY 24: MALSR. PAPI(P4R)—GA 3.0° TCH 52′. Trees.
RWY 15–33: H5000X150 (ASPH–GRVD) S–40, D–55 MIRL
RWY 15: REIL. PAPI(P4R)—GA 3.0° TCH 39′. Trees.
RWY 33: REIL. PAPI(P4R)—GA 3.0° TCH 39′. Trees.
LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 24	15–33	4150
RWY 33	06–24	3600

AIRPORT REMARKS: Attended continuously. Arpt CLOSED to air carrier with 9 or more passengers. Deer and birds on and invof arpt. Be alert for arpt vehicles when twr clsd. No military practice approaches without prior approval. TPA aircraft less than 12,500 lbs 1119(999), aircraft 12,500 lbs or more & all turbojet and turbine powered aircraft 1619(1499), rotary wing aircraft 919(799). Turbojet aircraft are confined to full length Rwy 06–24 unless strong winds dictate otherwise. Rwy 15 is noise sensitive; unless winds are 110°–190° at 8 knots or more, this runway will not be assigned. Rwy 15 arrivals are requested to fly at or above glide path. Twys C and C3 to the AER 33 and Twy C3 restricted to design group 1 and 2 acft only. When twr clsd HIRL Rwy 06–24 preset on medium ints; ACTIVATE MALSR Rwy 24 and PAPI Rwy 06 and Rwy 24—CTAF. Ldg fee. U. S. Customs user fee arpt; 24 hr PPR notification by calling 215–698–3100.
WEATHER DATA SOURCES: ASOS (215) 677–0146.
COMMUNICATIONS: CTAF 126.9 **ATIS** 121.15 **UNICOM** 122.95
NORTH PHILADELPHIA RCO 122.6 122.2 (WILLIAMSPORT RADIO)
PHILADELPHIA APP/DEP CON 123.8 **CLNC DEL** TF 800–354–9884
TOWER 126.9 (1100–0400Z‡) **GND CON** 121.7 **CLNC DEL** 127.25
AIRSPACE: CLASS D svc effective 1100–0400Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
YARDLEY (L) VOR/DME 108.2 ARD Chan 19 N40°15.20′ W74°54.46′ 215° 11.3 NM to fld. 300/10W.
NORTH PHILADELPHIA (T) VOR 112.0 PNE N40°04.92′ W75°00.57′ at fld. NOTAM FILE PNE.
VOR unusable
061°–090° byd 9 NM blo 6000′ 246°–330° byd 6 NM blo 6000′
091°–199°
ILS 111.1 I–PNE Rwy 24. Class IA. (ILS unmonitored when tower closed). LOC backcourse unusable 15° left and right side of course.
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr.

PENN'S LANDING HELIPORT (P72) 0 N UTC−5(−4DT) N39°56.24′ W75°08.48′ **WASHINGTON**
15 B S4 **FUEL** JET A NOTAM FILE IPT
HELIPAD H1: H68X68 (ASPH) PERIMETER LIGHTS (NSTD)
HELIPORT REMARKS: Attended Mon–Fri 1300–2300Z‡, Sat 1300–2100Z‡, Sun on call. ACTIVATE NSTD perimeter lgts—123.025. Rwy H1 ingress 235°/315°, egress 055°/135°. Rwy H1 shallow surface depressions. Lgtd building 660′ north of pad. Helipad H1 yellow lgts on east and south sides only. Ldg fee.
COMMUNICATIONS: CTAF 122.9
PHILADELPHIA CLNC DEL TF 800–354–9884.

PHILADELPHIA INTL (PHL) 5 SW UTC−5(−4DT) N39°52.33′ W75°14.45′ **WASHINGTON**
36 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 LRA Class I, ARFF Index E **H–10I, 12I, L–34G, A**
NOTAM FILE PHL **IAP, AD**



RWY 09R–27L: H10506X200 (ASPH–GRVD) S–200, D–210, ST–175, DT–350 PCN 60 F/A/X/T HIRL CL
RWY 09R: ALSF2. TDZL. Trees.
RWY 27L: MALSR. PAPI(P4R)—GA 3.10° TCH 71′. Boat.
RWY 09L–27R: H9500X150 (ASPH–GRVD) S–100, D–210, ST–175, DT–350 PCN 60 F/A/X/T HIRL CL
RWY 09L: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 71′. Ground.
RWY 27R: MALSR. PAPI(P4L)—GA 3.0° TCH 81′. Boat.
RWY 17–35: H6501X150 (ASPH–GRVD) S–100, D–170, ST–175, DT–300 HIRL
RWY 17: MALSF. PAPI(P4L)—GA 3.0° TCH 50′. Pole.
RWY 35: REIL. Boat.
RWY 08–26: H5000X150 (ASPH–GRVD) D–145 PCN 27 F/A/X/T HIRL CL 0.5% up E
RWY 08: Bldg.
RWY 26: MALSR. PAPI(P4R)—GA 3.15° TCH 50′. Fence.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 09L	17–35	7350
RWY 17	09–27R	4400

AIRPORT REMARKS: Attended continuously. Birds on and invof arpt. Airport is located in a noise sensitive area. Arpt noise abatement takeoff procedures are to be used. Unlgtd stack 288 ft MSL (271 ft AGL) 2.3 NM SW of arpt. TCAS equipped acft—TCAS alert may be caused by transponder equipped ships located PHL Naval Base 3 NM E. Rwy 26, Rwy 27L, Rwy 27R, and Rwy 35 ship channel (Delaware River) max height of ships 189 ft. Rwy 26 ship channel (Schuylkill) max height of ships 149′. Possible unmarked ship obstruction transiting east or westbound along the Delaware River reaching heights of 189′—be alert when approaching PHL Rwy 35 and whenever circling or visually approaching all other rwys. Pilots can expect to exit and re-enter the PHL Class B airspace during moderate to heavy arrival periods. ASDE–X surveillance system in use, pilots should operate mode C on all twys and rwys. Only nose-in parking permitted on North and East remote aprons. PPR from arpt ops for all acft parking on North and East remote aprons; ctc 215–937–6914/6800. Land Rwy 26, tkf Rwy 08. Rwy 09 rollout RVR used for Rwy 09L midpoint RVR. Rwy 09L touchdown RVR avbl. Rwy 27R touchdown RVR avbl. Rwy 09R rollout RVR avbl. Rwy 27L touchdown, and rollout RVR avbl. Rwy 17 touchdown RVR avbl. Rwy 35 touchdown RVR avbl. Rwy 08 touchdown, rollout RVR avbl. Rwy 26 touchdown, rollout RVR avbl. Rough, uneven pavement on Twy S between Twy L and Twy S1. Twy D2 and Twy E2 clsd indef. Ldg fee. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Continuous Power Facilities.

WEATHER DATA SOURCES: ASOS (215) 492–9617. LLWAS. TDWR.

COMMUNICATIONS: D–ATIS ARR 133.4 **D–ATIS DEP** 135.925 **UNICOM** 122.95

Ⓡ **APP CON** 124.35 128.4 (270°–089° above 5000′) 126.6 (090°–269° above 5000′) 127.35 (090°–269° at or below 5000′) 126.85 (270°–360° at or below 5000′) 123.8 (001°–089° at or below 5000′)

Ⓡ **DEP CON** 119.75 (090°–269°) 124.35 (270°–089°)

TOWER 118.5 (Rwys 09L–27R, 17–35, 08–26) 135.1 (Rwy 09R–27L) **GND CON** 121.9 121.65 **CLNC DEL** 118.85

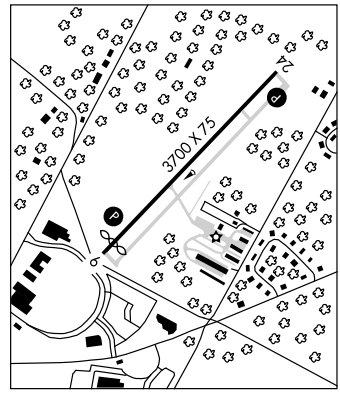
AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE ILG.

DUPONT (L) VORTAC 114.0 DQO Chan 87 N39°40.69′ W75°36.42′ 065° 20.6 NM to fld. 70/10W.
ILS/DME 108.75 I–MYY Chan 24(Y) Rwy 17. Class IT. LOC unusable byd 15° left of course.
ILS/DME 108.95 I–VII Chan 26(Y) Rwy 09L. Class IB.
ILS/DME 109.3 I–GLC Chan 30 Rwy 27L. ILS unusable inbound from 0.6 NM to thld.
ILS/DME 109.3 I–PHL Chan 30 Rwy 09R. Class IIIE. DME also serves Rwy 27L.
ILS/DME 108.95 I–PDP Chan 26(Y) Rwy 27R. Class IE.
ILS/DME 111.55 I–LLH Chan 52(Y) Rwy 26.

COMM/NAV/WEATHER REMARKS: Dual VHF communications rqr for Simultaneous Close Parallel ILS PRM approaches. Rwy 26 monitor 123.6 and Rwy 27L monitor 120.425.

WINGS FLD (LOM) 3 NW UTC−5(−4DT) N40°08.25′ W75°15.91′ NEW YORK
302 B S4 **FUEL** 100LL, JET A OX 1, 2 TPA—1502(1200) NOTAM FILE LOM L–34G, A
RWY 06–24: H3700X75 (ASPH) S–12.5 MIRL 0.6% up SW IAP
RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Thld dsplcd 177′. Trees.
RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.
AIRPORT REMARKS: Attended 1100–0500Z‡. Deer and large flocks of geese on and invof arpt. Public road at thld of Rwy 06. PPR all acft exceeding 12,500 lbs max tkf gross weight or above, call 215–646–0400. Voluntary restraints 2300–0600Z‡. Noise abatement Rwy 06 and 24—No turns after tkf before 1000 ft AGL. Avoid overflight of schools east and west of arpt. Rwy 24 runup ops at Twy C. ACTIVATE MIRL Rwy 06–24, PAPI Rwy 06 and Rwy 24 and REIL Rwy 06 and Rwy 24—CTAF.
WEATHER DATA SOURCES: AWOS–3 118.925 (215) 646–1068.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **PHILADELPHIA APP/DEP CON** 126.85 **CLNC DEL** 118.55 TF 800–354–9884
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
MODENA (L) VORTAC 113.2 MXE Chan 79 N39°55.08′ W75°40.25′ 064° 22.9 NM to fld. 474/09W. **HIWAS.**
AMBLER NDB (MHW) 275 ING N40°07.56′ W75°17.11′ 064° 1.2 NM to fld. OTS indef.



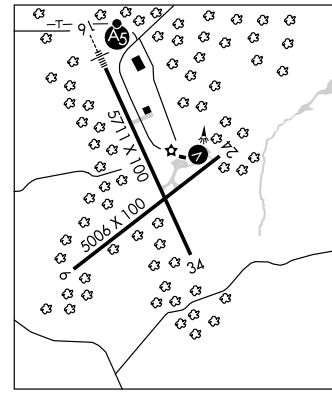
PHILADELPHIA SPB (See ESSINGTON)

PHILIPSBURG N40°54.98′ W77°59.56′ NOTAM FILE AOO. DETROIT
(H) VORTAC 115.5 PSB Chan 102 256°4.7 NM to Mid–State. 2440/10W. H–10H, 12I, L–30I
RCO 122.1R 115.5T (ALTOONA RADIO)
RCO N40°53.00′ W78°05.23′. 122.6 122.5 (ALTOONA RADIO)

PHILIPSBURG

ALBERT (1N3) 5 N UTC−5(−4DT) N40°58.29′ W78°14.57′ DETROIT
1784 NOTAM FILE AOO
RWY 11–29: 3350X125 (TURF–GRVL)
RWY 11: Trees. **RWY 29:** Thld dsplcd 205′. Sign.
AIRPORT REMARKS: Unattended. Arpt CLOSED Nov–Mar annually. Birds, deer and ground hogs on and invof arpt. Ultralight ops on and invof arpt. Rwy 11–29 edges marked with yellow barrels. Rwy 11 and Rwy 29 dsplcd thld marked with red barrels.
COMMUNICATIONS: CTAF 122.9

MID–STATE (PSB) 8 E UTC−5(−4DT) N40°53.06′ W78°05.24′ DETROIT
1948 B NOTAM FILE AOO H–10H, 12I, L–30I
RWY 16–34: H5711X100 (ASPH) S–48, D–60, DT–90 MIRL 0.5% up NW IAP
RWY 16: MALSR. Trees. **RWY 34:** Trees.
RWY 06–24: H5006X100 (ASPH) S–48, D–60, DT–90 MIRL 1.0% up NE
RWY 06: Trees. **RWY 24:** VASI(VGR)—GA 3.0° TCH 55′. Trees.
AIRPORT REMARKS: Attended 1330–2200Z‡. Deer on and invof arpt. Heavy glider activity during dalgt hrs, all altitudes, within 15 NM E and S of arpt. ACTIVATE MIRL Rwy 06–24 and Rwy 16–34, MALSR Rwy 16, and VASI Rwy 24—CTAF.
WEATHER DATA SOURCES: AWOS–3 127.525 (814) 343–4531.
COMMUNICATIONS: CTAF 122.9
PHILIPSBURG RCO 122.1R 115.5T (ALTOONA RADIO)
PHILIPSBURG RCO 122.6 122.5 (ALTOONA RADIO)
NEW YORK CENTER APP/DEP CON 134.8
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
PHILIPSBURG (H) VORTAC 115.5 PSB Chan 102 N40°54.98′ W77°59.56′ 256°4.7 NM to fld. 2440/10W.
PORTS NDB (LOM) 275 PS N40°59.17′ W78°08.55′ 167° 6.6 NM to fld. Unmonitored.
ILS 108.5 I–PSB Rwy 16. LOM PORTS NDB. ILS unmonitored.



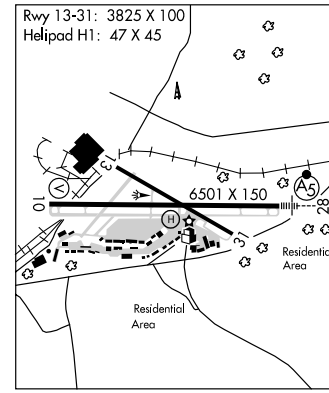
PICTURE ROCKS N41°16.61′ W76°42.61′ NOTAM FILE IPT. **NEW YORK**
NDB (MHW) 344 PIX 267° 9.8 NM to Williamsport Rgnl. **L–30J**

PITTSBURGH

ALLEGHENY CO (AGC) 4 SE UTC−5(−4DT) N40°21.26′ W79°55.81′ **DETROIT**
1252 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 LRA NOTAM FILE AGC **H–10H, 12I, L–29C**
RWY 10–28: H6501X150 (CONC–GRVD) S–90, D–120, ST–152, DT–210 HIRL **IAP, AD**
RWY 10: REIL. VASI(V4L)—GA 3.0°TCH 47′. Trees.
RWY 28: MALSR. Trees.
RWY 13–31: H3825X100 (CONC–GRVD) S–20, D–22 HIRL
RWY 13: REIL. Pole. **RWY 31:** REIL. Trees.
LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 10	13–31	3250

AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt. Uneven pavement intersection Rwys 10–28 and Twy G. Rwy 28 touchdown visual range avbl. Rwy 28 runway visual range OTS indef. Ldg fee for acft 5000 lbs and abv to include all helicopters.
WEATHER DATA SOURCES: ASOS (412) 466–8968. **HIWAS** 110.0 AGC.
COMMUNICATIONS: ATIS 120.55 **UNICOM** 122.95
RCO 122.1R 110.0T (ALTOONA RADIO)
RCO 122.4 122.2 (ALTOONA RADIO)
Ⓡ **PITTSBURGH APP/DEP CON** 119.35
TOWER 121.1 **GND CON** 121.7
RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.
(L) VOR/DME 110.0 AGC Chan 37 N40°16.72′ W80°02.45′
057° 6.8 NM to fld. 1290/09W. **HIWAS.**
VOR unusable 036°–059° beyond 10 NM below 7000′ 226°–261° byd 10 NM.
McKEESPORT NDB (HW) 287 MKP N40°21.31′ W79°46.86′ 277° 6.8 NM to fld.
ILS 109.1 I–AGC Rwy 28.
ILS 109.1 I–SAQ Rwy 10. Class IE. Unmonitored.



HELIPAD H1: H47X45 (CONC)
HELIPORT REMARKS: Heliport H1 located on general aviation apron E of Twy C.

PITTSBURGH INTL (PIT) 12 NW UTC−5(−4DT) N40°29.49′ W80°13.97′ **DETROIT**

1203 B S2 **FUEL** 100LL, JET A LRA Class I, ARFF Index D NOTAM FILE PIT **H–10H, 12I, L–29C**

RWY 10R–28L: H11500X200 (CONC–GRVD) S–100, D–225, ST–175, DT–350 PCN 48 R/B/X/T **IAP, AD**
HIRL CL

RWY 10R: ALSF2. TDZL. PAPI(P4L)–GA 3.0° TCH 52′. Trees.

RWY 28L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 70′. Trees. 0.3% up.

RWY 10L–28R: H10502X150 (ASPH–CONC–GRVD) S–100, D–225, ST–175, DT–400 PCN 49 R/B/X/T HIRL CL

RWY 10L: ALSF2. TDZL. PAPI(P4L)–GA 3.0° TCH 75′. Trees.

RWY 28R: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 73′. Trees. 0.3% up.

RWY 10C–28C: H9709X150 (ASPH–CONC–GRVD) S–100, D–149, ST–175, DT–260 PCN 47 R/B/X/T HIRL CL

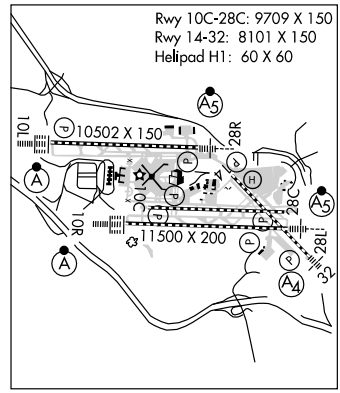
RWY 10C: REIL. PAPI(P4L)—GA 3.0° TCH 51′.

RWY 28C: TDZL. PAPI (P4L)—GA 3.0° TCH 50′. Trees.

RWY 14–32: H8101X150 (CONC–GRVD) S–100, D–225, ST–175, DT–410 PCN 48 R/B/X/T HIRL CL

RWY 14: PAPI(P4L)—GA 3.0° TCH 60′. Pole. 0.5% down.

RWY 32: MALS. TDZL. PAPI(P4L)—GA 3.0° TCH 72′. Trees. 0.3% up.



RUNWAY DECLARED DISTANCE INFORMATION:

RWY 10L: TORA–10502 TODA–10502 ASDA–10502 LDA–10502
RWY 10C: TORA–9708 TODA–9708 ASDA–9708 LDA–9708
RWY 10R: TORA–11500 TODA–11500 ASDA–11500 LDA–11500
RWY 14: TORA–8101 TODA–8101 ASDA–8101 LDA–8101
RWY 28L: TORA–11500 TODA–11500 ASDA–11500 LDA–11500
RWY 28C: TORA–9708 TODA–9708 ASDA–9708 LDA–9708
RWY 28R: TORA–10502 TODA–10502 ASDA–10102 LDA–10102
RWY 32: TORA–8101 TODA–8101 ASDA–8101 LDA–8101

AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt PAEW adjacent all rwys. Rwy 10L ALSF2 and SSALR is a dual mode system and controlled by twr and remote monitored. Twr is authorized to taxi acft into position and hold on Rwy 28L at Twy 'P' during hrs of darkness. The specific rwy shall be used only for departures and the intersection must be visible from twr. All jets departing Rwy 28R must be aligned with rwy prior to applying takeoff power. Rwy 10C and Rwy 28C departures: do not apply tkf thrust prior to rwy thld. Rwy 32 NSTD precision instrument markings—TDZ markings missing at 3000′. Rwy 10R touchdown, midfield and rollout runway visual range avbl. Rwy 28L touchdown, midfield and rollout rwy visual range avbl. Rwy 10L touchdown, midfield and rollout rwy visual range avbl. Rwy 28R touchdown, midfield and rollout rwy visual range avbl. Rwy 14 touchdown, midfield and rollout rwy visual range avbl. Rwy 32 touchdown, midfield and rollout rwy visual range avbl. Rwy 10C touchdown, midfield and rollout rwy visual range avbl. Rwy 28C touchdown, midfield and rollout rwy visual range avbl. Twy F clsd indef from Twy P to Rwy 32. Twy Y clsd indef, access to commuter apron avbl via Twy Y1 and Twy Y2. Acft using Twy N prohibited to stop on overpass area due to possible emergency evacuation hazard. Terminal taxilanes east of concourses A and B restricted to group 3 acft and smaller. Ldg fee. NOTE: See Special Notices—Intersection Departures During Period of Darkness, and Continuous Power Facilities..

WEATHER DATA SOURCES: ASOS (412) 472–0145. TDWR.

COMMUNICATIONS: D–ATIS ARR 127.25 **D–ATIS DEP** 135.9 **UNICOM** 122.95
MONTOUR RCO 122.1R 112.0T (ALTOONA RADIO)
Ⓡ **APP CON** 124.15 (001°–090°) 123.95 (091°–180°) 133.7 (181°–270°) 121.25 (271°–360°)
TOWER 119.1 (Rwy 10R–28L) 128.3 (Rwy 10L–28R) 135.025 (Rwys 10C–28C and 14–32)
CLNC DEL 126.75 **PRE–TAXI CLNC** 126.75 **GND CON** 121.9 (South) 127.8 (North)
Ⓡ **DEP CON** 119.35 (South) 124.75 (North) 125.275

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE PIT.
MONTOUR (L) VORTAC 112.0 MMJ Chan 57 N40°29.29′ W80°11.63′ 284° 1.8 NM to fld. 1200/08W.
ILS 111.7 I–LXB Rwy 10L. Class IIIE.
ILS 108.9 I–GUT Rwy 10R. Class IIIE.
ILS 111.3 I–TQW Rwy 32. Class IE.
ILS 111.7 I–HFE Rwy 28R.
ILS 108.9 I–PFS Rwy 28L. Class IT.
ASR

COMM/NAV/WEATHER REMARKS: Terminal apron control frequencies are 130.77 for north apron; 131.37 for south apron.

HELIPAD H1: H60X60 (CONC)

HELIPORT REMARKS: Heliport H1 located on Twy 'N' north of Twy 'N4'.

ROCK (9G1) 12 NNE UTC−5(−4DT) N40°36.21′ W79°49.57′ **DETROIT**
1063 **FUEL** 100LL NOTAM FILE AOO **L–29C**
RWY 17–35: H3550X100 (ASPH) HIRL
RWY 17: Trees. **RWY 35:** Construction site.
AIRPORT REMARKS: Attended 1300–2300Z‡. Arpt CLOSED ngts. Arpt CLOSED for night ops indef. Arpt lgtg inoperative. Rwy construction in progress. PAEW adjacent to Rwy 17–35. PAEW indefly operation of contruction equipment 519′ from Rwy 35 thld. Rwy 17–35 HIRL OTS indef. Arpt lgts opr dusk–0500Z‡. Rwy 35 controlling obstruction PENNDOT construction training site.
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE PIT.
MONTOUR (L) VORTAC 112.0 MMJ Chan 57 N40°29.29′ W80°11.63′ 076° 18.2 NM to fld. 1200/08W.

PITTSBURGH–MONROEVILLE (See MONROEVILLE)

PITTSFIELD

BROKENSTRAW (P15) 1 E UTC−5(−4DT) N41°49.96′ W79°21.69′ **DETROIT**
1230 B S2 **FUEL** 100LL NOTAM FILE AOO
RWY 09–27: 2660X100 (TURF) LIRL
RWY 09: Thld dsplcd 210′. Road. **RWY 27:** Trees. Rgt tfc.
AIRPORT REMARKS: Attended daylight hours. Deer, woodchucks and geese on and invof rwy. Extensive glider ops weekends. Rwy soft during spring thaw. Rwy 09–27 marked with lgts and orange barrels each side of rwy; dsplcd thld Rwy 09 marked with rwy lgts and orange barrels each side of rwy. ACTIVATE LIRL Rwy 09–27—122.8. For rotating bcn call 814–563–3166 or 4549 or 4949.
COMMUNICATIONS: CTAF 122.9

POCONO MOUNTAINS MUNI (See MT. POCONO)

PORT MEADVILLE (See MEADVILLE)

PORTS N40°59.17′ W78°08.55′ NOTAM FILE AOO.
NDB (LOM) 275 PS 167°6.6 NM to Mid–State. Unmonitored.

POTTSTOWN N40°13.34′ W75°33.62′ NOTAM FILE PTW. **NEW YORK**
(L) VORTAC 116.5 PTW Chan 112 018° 1.1 NM to Pottstown Limerick. 290/09W. **H–10I, L–34G**
VOR portion unusable:
071°–104° blo 6900′
071°–104° byd 30 NM
105°–120° byd 14 NM blo 3000′
141°–159° byd 15 NM blo 6000′
160°–179°
180°–205° byd 10 NM blo 5500′
206°–220° byd 10 NM blo 4500′
241°–285° byd 15 NM blo 4500′
241°–269° byd 23 NM blo 5500′
270°–285° byd 6 NM blo 3500′
270°–285° byd 18 NM
286°–287° byd 28 NM blo 3000′
288°–319° byd 10 NM blo 3000′
288°–319° byd 26 NM
320°–339° byd 17 NM
340°–070° byd 15 NM blo 2500′
340°–070° byd 19 NM blo 4000′
340°–070° byd 29 NM blo 5000′
340°–070° byd 36 NM
DME unusable 241°–286° byd 30 NM blo 5500′.

POTTSTOWN

POTTSTOWN LIMERICK (PTW) 3 E UTC−5(−4DT) N40°14.37′ W75°33.40′

NEW YORK
L–34G, A
IAP

309 B S4 **FUEL** 100LL, JET A NOTAM FILE PTW

RWY 10–28: H3371X75 (ASPH) MIRL

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 45′. Tree.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 45′. Thld dsplcd 200′. Trees. Rgt tfc.

AIRPORT REMARKS: Attended Mon–Fri 1100–0200Z‡, Sat–Sun 1300Z‡–dusk. Arpt permanently CLOSED to acft 13,500 pounds and over. Birds and deer on and invof arpt. Lighted and marked 507 ft AGL (769 ft MSL) stack 6000 ft W of Rwy 10. Ldg fee.

WEATHER DATA SOURCES: ASOS 119.425 (610) 495–0823.

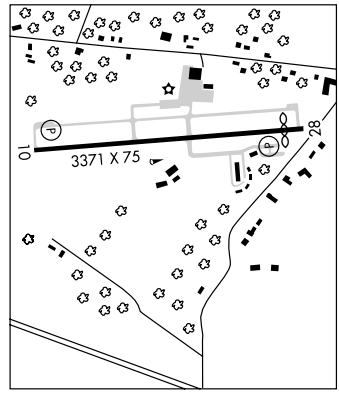
COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **PHILADELPHIA APP/DEP CON** 126.85 **CLNC DEL** 118.55 TF 800–354–9884

RADIO AIDS TO NAVIGATION: NOTAM FILE PTW.

(L) VORTAC 116.5 PTW Chan 112 N40°13.34′ W75°33.62′ 018° 1.1 NM to fld. 290/09W.

ILS 108.3 I–PTW Rwy 28. LOC only.



POTTSTOWN MUNI (N47) 2 NW UTC−5(−4DT) N40°15.62′ W75°40.25′

NEW YORK
L–30K, 34G, A
IAP

256 B S4 **FUEL** 100LL, JET A NOTAM FILE IPT

RWY 08–26: H2704X75 (ASPH) S–12 MIRL 0.4% up SW

RWY 08: REIL. PAPI(P2L). Tree.

RWY 26: REIL. VASI(V2L)—GA 3.0° TCH 20′. Tree.

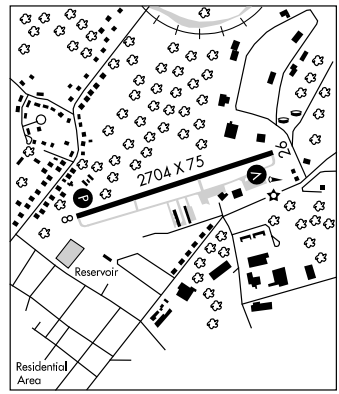
AIRPORT REMARKS: Attended 1200–0100Z‡. For svc after hrs ctc 610–858–7453. Deer and seagulls on and invof arpt. Rwy 08 PAPI OTS indef. ACTIVATE VASI Rwy 26; REIL Rwy 08 and Rwy 26—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PHILADELPHIA APP/DEP CON** 126.85 **CLNC DEL** 118.55

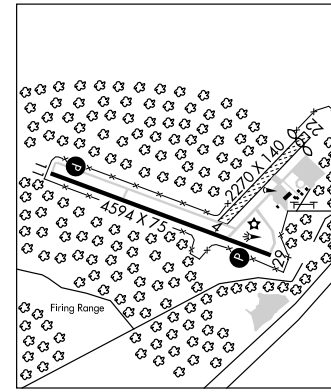
RADIO AIDS TO NAVIGATION: NOTAM FILE PTW.

(L) VORTAC 116.5 PTW Chan 112 N40°13.34′ W75°33.62′ 303° 5.6 NM to fld. 290/09W.

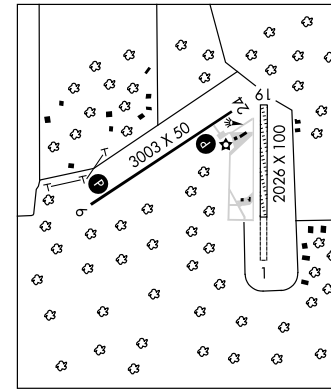


POTTSVILLE

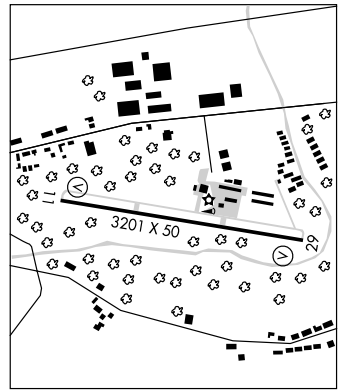
SCHUYLKILL CO (JOE ZERBEY) (ZER) 8 W UTC−5(−4DT) N40°42.39′ W76°22.39′ **NEW YORK**
1729 B **FUEL** 100LL, JET A TPA—2500 (771) NOTAM FILE IPT **L–30J**
RWY 11–29: H4594X75 (ASPH) S–21 MIRL 0.5% up W **IAP**
RWY 11: REIL. PAPI(P2L)—GA 3.0°TCH 40′. Trees.
RWY 29: REIL. PAPI(P2L)—GA 3.0°TCH 40′. Trees.
RWY 04–22: 2270X140 (TURF)
RWY 04: Trees. **RWY 22:** Thld dsplcd 200′. Brush.
AIRPORT REMARKS: Attended Mon–Fri 1230–2200Z‡. AVGAS self serve with credit card. JET A self serve with credit card. Deer on and in vicinity of arpt. Obstruction dragline 200′ AGL, 5 NM Rwy 11–29. Rwy 04–22 not maintained winter months. Rwy 04–22 edge and dsplcd thld marked with yellow tires, orange cones. ACTIVATE MIRL Rwy 11–29, REILS and PAPIS Rwys 11 and 29—CTAF.
WEATHER DATA SOURCES: AWOS–3 127.57 (570) 544–2778.
COMMUNICATIONS: CTAF/UNICOM 122.8
RAVINE RCO 122.1R 114.6T (WILLIAMSPORT RADIO)
Ⓡ **HARRISBURG APP/DEP CON** 118.25
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
RAVINE (L) VORTAC 114.6 RAV Chan 93 N40°33.20′ W76°35.96′ 059° 13.8 NM to fld. 1750/11W.
COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800–932–0712.



PUNXSUTAWNEY MUNI (N35) 3 NE UTC−5(−4DT) N40°58.00′ W78°55.80′ **DETROIT**
1439 B **FUEL** 100LL NOTAM FILE AOO **L–30I**
RWY 06–24: H3003X50 (ASPH) S–12.5 MIRL 0.9% up NE **IAP**
RWY 06: REIL. PAPI(P2L)—GA 4.0° TCH 45′. Trees.
RWY 24: REIL. PAPI(P2L)—GA 4.0° TCH 40′. Trees.
RWY 01–19: 2026X100 (TURF–GRVL) MIRL
RWY 01: REIL. Trees. **RWY 19:** REIL. Road.
AIRPORT REMARKS: Attended irregularly. For fuel call 814–590–1137. Birds; deer and woodchuck on and invof arpt. PAEW adjacent to arpt. Rwy 01–19 CLOSED Nov–Apr due to inclement weather. ACTIVATE MIRL Rwy 01–19 and Rwy 06–24, PAPI Rwy 06 and Rwy 24, REIL Rwy 01, Rwy 19, Rwy 06, and Rwy 24—CTAF.
COMMUNICATIONS: CTAF/UNICOM 123.0
CLEVELAND CENTER APP/DEP CON 126.72
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
CLARION (L) VOR/DME 112.9 CIP Chan 76 N41°08.78′ W79°27.48′ 120° 26.3 NM to fld. 1520/06W.



QUAKERTOWN (UKT) 2 W UTC−5(−4DT) N40°26.11′ W75°22.92′ **NEW YORK**
526 B S4 **FUEL** 100LL, JET A TPA—1526(1000) NOTAM FILE UKT **L–33A, 34G**
RWY 11–29: H3201X50 (ASPH) S–12 MIRL 0.7% up W **IAP**
RWY 11: VASI (V2L)—GA 5.1°. Trees.
RWY 29: VASI(V2L)—GA 4.75°. Trees.
AIRPORT REMARKS: Attended 1300Z‡–dusk. 100LL avbl 24 hrs self–serve credit card. Svc after hrs ctc 610–653–8121. Deer on and invof arpt.
WEATHER DATA SOURCES: AWOS–3 119.475 (215) 538–7610.
COMMUNICATIONS: CTAF/UNICOM 122.725
PHILADELPHIA APP/DEP CON 123.8 **CLNC DEL** 118.55 TF 800–354–9884
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
EAST TEXAS (L) VORW/DME 110.2 ETX Chan 39 N40°34.86′ W75°41.04′ 131° 16.4 NM to fld. 742/9W.
NDB (MHW) 208 UKT N40°25.49′ W75°17.84′ 291° 3.9 NM to fld. Monitored daylight hours only. Unusable byd 10 NM.

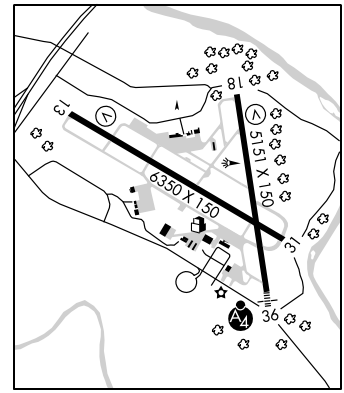


RAVINE N40°33.20′ W76°35.96′ NOTAM FILE IPT. **NEW YORK**
(L) VORTAC 114.6 RAV Chan 93 059° 13.8 NM to Schuylkill Co. 1750/11W. **H–10H, L–30J**
RCO 122.1R 114.6T (WILLIAMSPORT RADIO)

READING RGNL/CARL A SPAATZ FLD (RDG) 3 NW UTC−5(−4DT) **NEW YORK**
N40°22.71′ W75°57.92′ **H–10I, 12I, L–30K, 34G, A**
344 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA–1400(1056) Class IV, ARFF Index A **IAP, AD**
NOTAM FILE RDG
RWY 13–31: H6350X150 (ASPH–GRVD) S–75, D–200, ST–175, DT–400 HIRL
RWY 13: VASI(V4L)—GA 3.03°TCH 45′. Trees.
RWY 31: REIL. Trees.
RWY 18–36: H5151X150 (ASPH–GRVD) S–75, D–200, ST–175, DT–400 HIRL 1.0% up S
RWY 18: VASI(V4L)—GA 3°TCH 55′. Trees.
RWY 36: MALSF. Trees.
LAND AND HOLD SHORT OPERATIONS

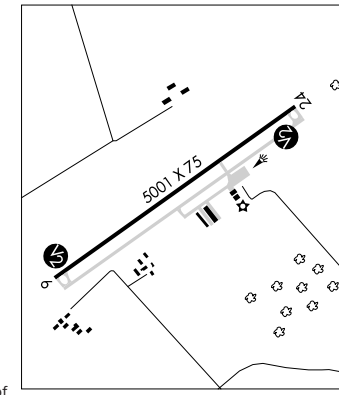
LANDING	HOLD SHORT POINT	DIST AVBL
RWY 13	18–36	5200′
RWY 18	13–31	3050′

ARRESTING GEAR/SYSTEM
RWY 13: EMAS
AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt. PPR 24 hrs for air carriers ops with more than 30 passenger seats. Call arpt manager 610–372–4666. ARFF avbl daily 1100–0530Z‡. Other times by PPR. Rwy 18–36 spalling, longitudinal cracks, raveling and pavement humps. Twy E is unavailable to air carriers. Twy E pavement in poor condition with surface delaminating and raveling. When twr clsd ACTIVATE HIRL Rwy 13–31, HIRL Rwy 18–36; REIL Rwy 31; MALSF Rwy 36 and twy lgts—CTAF. Ldg fee for turbine acft.
WEATHER DATA SOURCES: ASOS (610) 372–9863.
COMMUNICATIONS: CTAF 119.9 **ATIS** 127.1 **UNICOM** 122.95
Ⓡ **READING APP/DEP CON** 125.15 (1100–0500Z‡)
Ⓡ **HARRISBURG APP/DEP CON** 124.1 (0500–1100Z‡)
TOWER 119.9 (1100–0500Z‡) **GND CTL** 121.9
AIRSPACE: CLASS D svc effective 1100–0500Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
EAST TEXAS (L) VORW/DME 110.2 ETX Chan 39 N40°34.86′ W75°41.04′ 236° 17.7 NM to fld. 742/09W.
SHAPP NDB (LOM) 356 RD N40°18.39′ W75°56.97′ 001° 4.4 NM to fld.
ILS 109.5 I–RDG Rwy 36. Class IE. LOM SHAPP NDB. ILS unmonitored when twr closed.
ILS/DME 110.55 I–VXO Chan 42Y Rwy 13.



REEDSVILLE

MIFFLIN CO (RVL) 5 NW UTC−5(−4DT) N40°40.64′ W77°37.61′ — DETROIT
819 B **FUEL** 100LL, JET A NOTAM FILE IPT — H–10H, 12I, L–30J
RWY 06–24: H5001X75 (ASPH) S–60 MIRL — IAP
RWY 06: REIL. PVASI (PSIL)—GA 3.0° TCH 36′. Trees.
RWY 24: REIL. PVASI (PSIL)—GA 3.0° TCH 37′. Trees.
AIRPORT REMARKS: Attended Apr 1–Oct 31 Mon–Fri 1300–2200Z‡, Sat 1300–1700Z‡. Nov 1–Mar 31 Mon–Fri 1300–2100Z‡, Sat 1300–1700Z‡. CLOSED Sun. Open by appointment. Phone numbers posted on the office door for after hrs calls. Glider activity during summer months. Helicopters land on apron. ACTIVATE MIRL Rwy 06–24, PVASI and REIL Rwy 06 and Rwy 24—CTAF.
WEATHER DATA SOURCES: AWOS–3 123.85 (717) 667–3993.
COMMUNICATIONS: CTAF/UNICOM 122.7
NEW YORK CENTER APP/DEP CON 134.8
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
PHILIPSBURG (H) VORTAC 115.5 PSB Chan 102 N40°54.98′ W77°59.56′ 141° 22 NM to fld. 2440/07W.
STROH NDB (MHW/LOM) 407 RV N40°36.89′ W77°43.08′ 058° 5.6 NM to fld. NOTAM FILE IPT. NDB unmonitored.
ILS 109.3 I–RVL Rwy 06. LOM STROH NDB. LOC only. LOC and LOM unmonitored. LOC unusable byd 20° either side of course; byd 16 NM blo 4000 ft.



REIGLE FLD (See PALMYRA)

REVLOC N40°32.79′ W78°44.82′ NOTAM FILE AOO. — DETROIT
(L) VOR/DME 110.6 REC Chan 43 203°5.3 NM to Ebensburg. 2340/09W. VOR portion unusable 070°–085° byd 10 NM. — L–29D
RCO 122.1R 110.6T (ALTOONA RADIO)

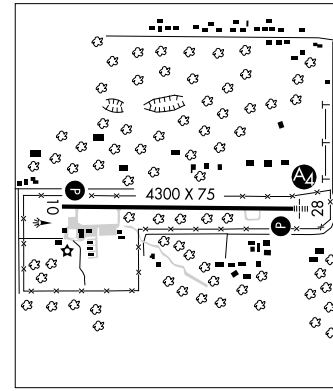
RIDGE SOARING (See UNIONVILLE)

ROCK (See PITTSBURGH)

ROCKY HILL ULTRALIGHT (See CRESCO)

ROSTRAVER (See MONONGAHELA)

ST MARYS MUNI (OYM) 3 SE UTC−5(−4DT) N41°24.75′ W78°30.16′ — DETROIT
1934 B S4 **FUEL** 100LL, JET A NOTAM FILE AOO — L–30I
RWY 10–28: H4300X75 (ASPH–GRVD) S–12.5 MIRL 0.7% up E. — IAP
RWY 10: PAPI(P4L)—GA 3.0° TCH 40′. Road.
RWY 28: MALS. PAPI(P4L)—GA 3.0° TCH 40′. Trees.
AIRPORT REMARKS: Attended Mon–Fri 1300–2100Z‡. ACTIVATE MIRL Rwy 10–28, PAPI Rwys 10 and 28, and MALS Rwy 28—CTAF.
WEATHER DATA SOURCES: AWOS–3 118.05. (814) 834–9416.
COMMUNICATIONS: CTAF/UNICOM 122.7
RCO 121.3 (ALTOONA RADIO)
CLEVELAND CENTER APP/DEP CON 124.325
ALTOONA FSS CLNC DEL 121.3
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
SLATE RUN (H) VORTAC 113.9 SLT Chan 86 N41°30.77′ W77°58.21′ 264° 25 NM to fld. 2320/08W.
ILS/DME 108.9 I–OYM Chan 26 Rwy 28. LOC only. ILS unmonitored indef.



ST THOMAS N39°55.99′ W77°57.06′ NOTAM FILE AOO. — WASHINGTON
(L) VORTAC 115.0 THS Chan 97 087° 14.4 NM to Franklin Co Rgnl. 2340/07W — H–10H, L–29D, A
RCO 122.1R 115.0T (ALTOONA RADIO)

SCHUYLKILL CO (JOE ZERBEY) (See POTTSVILLE)

SEAMANS FLD (See FACTORYVILLE)

SELINSGROVE N40°47.45′ W76°53.04′ NOTAM FILE SEG. NEW YORK

(L) VORTAC 110.4 SEG Chan 41 034° 2 NM to Penn Valley. 620/08W. **HIWAS.** H–10H, 12I, L–30J

VOR portion unusable

105°–115° byd 20 NM blo 3000′
180°–195° byd 30 NM blo 9000′
204°–209° blo 5000′
250°–285° byd 10 NM blo 14000′
180°–195° blo 6000′
196°–200° blo 9000′
210°–230° byd 35 NM blo 2500′

DME portion unusable

100°–115° byd 30 NM blo 3000′
115°–170° byd 35 NM blo 2900′
190°–300° byd 35 NM blo 3500′

RCO 122.1R 110.4T (WILLIAMSPORT RADIO)

SELINSGROVE

PENN VALLEY (SEG) 1 N UTC−5(−4DT) N40°49.27′ W76°51.85′ NEW YORK

464 B S4 **FUEL** 100LL, JET A NOTAM FILE SEG L–30J

RWY 17–35: H4760X75 (ASPH) S–27 D–27 MIRL IAP

RWY 17: REIL. Thld dsplcd 388′. Pole.

RWY 35: REIL. Thld dsplcd 250′. Trees.

AIRPORT REMARKS: Attended 1300–2300Z‡. Rising terrain both sides of apch to Rwy 17. Ultralgts on and in vicinity of arpt; rgt tfc. Deer and birds on and in vicinity of arpt. Rwy 17 REIL OTS indef. ACTIVATE MIRL Rwy 17–35; REIL Rwy 17 and 35—CTAF.

WEATHER DATA SOURCES: ASOS 123.975 (570) 374–4099. **HIWAS** 110.4 SEG.

COMMUNICATIONS: CTAF/UNICOM 122.7

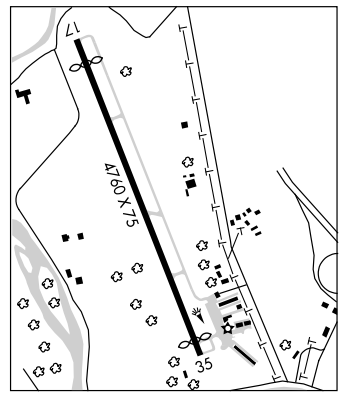
SELINSGROVE RCO 122.1R 110.4T (WILLIAMSPORT RADIO)

Ⓡ **HARRISBURG APP/DEP CON** 118.25

RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.

SELINSGROVE (L) VORTAC 110.4 SEG Chan 41 N40°47.45′ W76°53.04′ 034° 2 NM to fld. 620/08W. **HIWAS.**

COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800–932–0712.



SEVEN SPRINGS BOROUGH

SEVEN SPRINGS (7SP) 1 SW UTC−5(−4DT) N40°00.60′ W79°19.31′ DETROIT

2907 B NOTAM FILE AOO L–29C

RWY 10–28: H3045X42 (ASPH) MIRL 1.1% up W IAP

RWY 10: Trees. **RWY 28:** Trees.

AIRPORT REMARKS: Unattended. Airport CLOSED approximately Dec 1 thru Apr 15. Check NOTAMS for exact dates. No snow removal. ACTIVATE MIRL Rwy 10–28—CTAF. Arpt surrounded by trees, higher terrain with trees located approximately 302 ft in from Rwy 28 thld and 433 ft north.

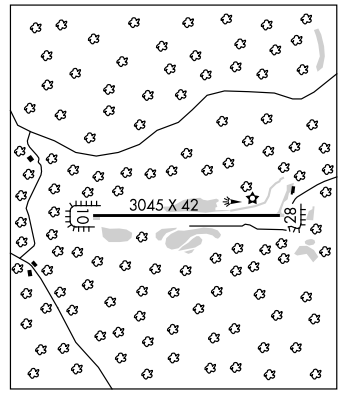
COMMUNICATIONS: CTAF 122.9

INDIAN HEAD RCO 122.1R 108.2T (ALTOONA RADIO)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4

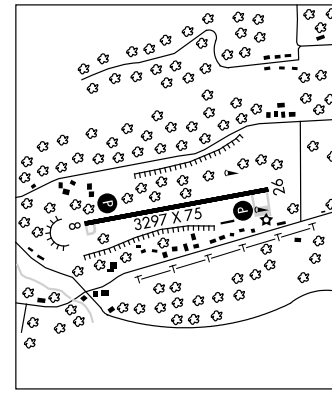
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

INDIAN HEAD (L) VORTAC 108.2 IHD Chan 19 N39°58.45′ W79°21.50′ 044° 2.7 NM to fld. 2820/06W.



SHAMOKIN

NORTHUMBERLAND CO (N79) 3 N UTC−5(−4DT) N40°50.22′ W76°33.15′ **NEW YORK**
881 B S4 **FUEL** 100LL, JET A NOTAM FILE IPT **L–30J**
RWY 08–26: H3297X75 (ASPH) S–12.5 MIRL 0.9% up NE **IAP**
RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
AIRPORT REMARKS: Attended on Mon–Fri 1300–2300Z‡, Sat–Sun on call. ACTIVATE MIRL Rwy 08–26 and PAPI Rwys 08 and 26—121.8.
WEATHER DATA SOURCES: AWOS–3 119.175 (570) 672–0389.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **HARRISBURG APP/DEP CON** 118.25
RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.
SELINSGROVE (L) VORTAC 110.4 SEG Chan 41 N40°47.45′ W76°53.04′ 088° 15.4 NM to fld. 620/08W. **HIWAS.**
COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800–932–0712.



SHAPP N40°18.39′ W75°56.97′ NOTAM FILE RDG.
NDB (LOM) 356 RD 001° 4.4 NM to Reading Rgnl/Carl A Spaatz Fld.

SHIPPENSBURG (N42) 3 NE UTC−5(−4DT) N40°03.51′ W77°27.73′ **DETROIT**
760 NOTAM FILE IPT
RWY 07–25: 2300X170 (TURF)
RWY 07: Thld dsplcd 535′. Brush. **RWY 25:** Thld dsplcd 595′. Brush.
AIRPORT REMARKS: Unattended. Rwy 07 and 25 dsplcd thlds marked with white barrels. Rwy 07–25 ends and edges marked with yellow barrels.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800–932–0712.

SHOESTRING AVIATION AIRFIELD (See STEWARTSTOWN)

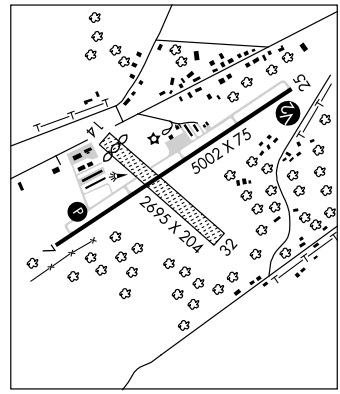
SKYHAVEN (See TUNKHANNOCK)

SLATE RUN N41°30.77′ W77°58.21′ NOTAM FILE AOO. **DETROIT**
(H) VORTAC 113.9 SLT Chan 86 264° 25 NM to St. Marys Muni. 2320/08W. **H–10H, L–30I**
RCO 122.1R 113.9T (ALTOONA RADIO)

SLATINGTON (69N) 1 N UTC−5(−4DT) N40°45.82′ W75°36.29′ **NEW YORK**
380 B S4 **FUEL** 100LL, JET A NOTAM FILE IPT
RWY 01–19: H2455X50 (ASPH) LIRL (NSTD)
RWY 01: Thld dsplcd 352′. Trees. **RWY 19:** Trees.
AIRPORT REMARKS: Attended Mon–Sat daylgt hours. +977 ft hill 7700 ft from Rwy 19 thld. ACTIVATE LIRL Rwy 01–19 and rotating beacon—CTAF. Rwy 01–19 NSTD LIRL located 10 and 20 ft outboard from rwy edges respectively. NSTD thld lgts located outboard from rwy edges; 3 lgts each side.
COMMUNICATIONS: CTAF/UNICOM 122.8

SMOKETOWN (S37) 0 N UTC−5(−4DT) N40°02.50′ W76°12.08′ **NEW YORK**
370 B S4 **FUEL** 100LL NOTAM FILE IPT
RWY 10–28: H2400X50 (ASPH) S–12.5, D–12.5 LIRL
RWY 10: Thld dsplcd 167′. Tree. **RWY 28:** Thld dsplcd 110′.
AIRPORT REMARKS: Attended Mon–Sat 1300–2200Z‡, Sun 1800–2200Z‡.
COMMUNICATIONS: CTAF/UNICOM 123.05
COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800–932–0712.

SOMERSET CO (2G9) 3 NE UTC−5(−4DT) N40°02.33′ W79°00.90′ **DETROIT**
2275 B S2 **FUEL** 100LL, JET A NOTAM FILE AOO **H–10H, L–29D**
RWY 07–25: H5002X75 (ASPH) S–18 MIRL 1.5% up SW **IAP**
RWY 07: REIL. PAPI(P2L)—GA 3.0° TCH 56′. Trees.
RWY 25: REIL. PVASI(PSIL)—GA 3.0° TCH 50′. Trees.
RWY 14–32: 2695X204 (TURF–ASPH) 0.7% up SE
RWY 14: Thld dsplcd 295′. Road. **RWY 32:** Trees.
AIRPORT REMARKS: Attended 1300–2200Z‡. Arpt unattended New Years Day, Easter, Thanksgiving and Christmas Day. 24 hr self–service fueling avbl. Single–point refueling avbl on req. Rwy 14–32 CLOSED Dec 1–Apr 15. Check NOTAMS. Rwy 14–32 570′ by 60′ asph at intersection with Rwy 07–25 and parallel twy. Rwy 14–32 marked with wooden boundary markers. Rwy 14 dsplcd thld marked with yellow wooden boundary markers. MIRL Rwy 07–25, PAPI Rwy 07 and PVASI Rwy 25 operate dusk–0500Z‡, after 0500Z‡ and during dalgt hrs ACTIVATE rwy lgts and PVASI—CTAF. ACTIVATE REIL Rwy 07 and Rwy 25 dusk–dawn—CTAF.
WEATHER DATA SOURCES: AWOS–3 133.8 (814) 443–2114.
COMMUNICATIONS: CTAF/UNICOM 122.8
INDIAN HEAD RCO 122.1R 108.2T (ALTOONA RADIO)
CLEVELAND CENTER APP/DEP CON 124.4
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
INDIAN HEAD (L) VORTAC 108.2 IHD Chan 19 N39°58.45′ W79°21.50′ 082° 16.3 NM to fld. 2820/06W.
STOYSTOWN NDB (MHW) 209 SYS N40°05.14′ W78°54.99′ 246° 5.3 NM to fld. NOTAM FILE AOO.
Unusable 090°–150° byd 20 NM.
ILS 108.7 I–SOZ Rwy 25. LOC unusable byd 18° left and right of course.

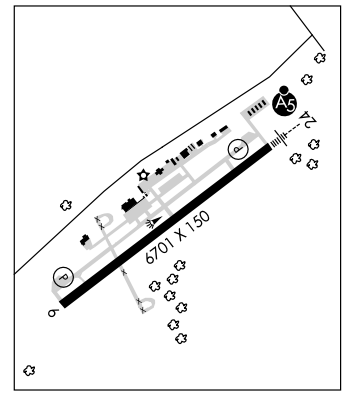


SOUTHERN ADAMS CO HELIPORT (See GETTYSBURG)

SPRING HILL (See STERLING)

STATE COLLEGE

UNIVERSITY PARK (UNV) 3 N UTC−5(−4DT) N40°50.96′ W77°50.92′ **DETROIT**
1239 B S3 **FUEL** 100LL, JET A OX 4 TPA—(See Remarks) Class I, ARFF Index B. **H–10H, 12I, L–30I**
NOTAM FILE UNV **IAP**
RWY 06–24: H6701X150 (ASPH–GRVD) S–50, D–110, ST–139
PCN 44 F/B/X/U HIRL 0.6% up SW
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 44′. Rgt tfc.
RWY 24: MALSR (Unmonitored). PAPI(P4R)—GA 3.0° TCH 54′. Tree.
RUNWAY DECLARED DISTANCE INFORMATION:
RWY 06: TORA–6701 TODA–6701 ASDA–6701 LDA–6701
RWY 24: TORA–6701 TODA–6701 ASDA–6701 LDA–6701
AIRPORT REMARKS: Attended continuously. Intensive student training 2.5 NM NE at Bellefonte arpt. Glider activity during dalgt hrs, all alt, within 10 NM, all directions, especially along ridge 2 NM west and north of arpt. Acft on either end Rwy 06–24 cannot be seen on other end due to rwy grade. Rwy 06–24 grvd portion of rwy center 80′. PPR 24 hours for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 814–865–5511. TPA 2200(961) single engine acft, 2700(1461) multi engine acft. ACTIVATE HIRL Rwy 06–24, REIL Rwy 06, MALSR Rwy 24 and twy lgts—CTAF. Deicing equipment avbl on deicing apron adjacent to Twy B between Twy C and Twy D. Twy J northwest of Twy A rstd to acft less than 12,500 lbs. . Ldg fee for single engine, multi engine acft and helicopters.
WEATHER DATA SOURCES: AWOS–3 127.65 (814) 865–8799 SAWRS
COMMUNICATIONS: CTAF/UNICOM 122.8
NEW YORK CENTER APP/DEP CON 134.8 **CLNC DEL** 118.55
AIRSPACE: CLASS E svc continuous.
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
PHILIPSBURG (H) VORTAC 115.5 PSB Chan 102 N40°54.98′ W77°59.56′ 131° 7.7 NM to fld. 2440/10W.
PENUE NDB (LOM) 388 UN N40°54.62′ W77°44.51′ 242° 6.1 NM to fld. NOTAM FILE UNV.
ILS 111.7 I–UNV Rwy 24. Class IE. LOM PENUE NDB. ILS unmonitored 0430–1100Z‡.



STERLING

SPRING HILL (7ØN) 1 NW UTC−5(−4DT) N41°20.84′ W75°24.95′ **NEW YORK**
1729 B **FUEL** 100LL NOTAM FILE IPT **L–30K, 33A, 34H**
RWY 05–23: H2478X42 (ASPH) S–10 LIRL 2.4% up SW **IAP**
RWY 05: Thld dsplcd 400′. Hill. **RWY 23:** Trees.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡. For svc after hrs call 570–242–5771. Rwy 05 CLOSED ldg SS–SR. Deer on and invof arpt. Winter months call for rwy conditions. ACTIVATE LIRL Rwy 05–23 and rotating bcn—CTAF.
COMMUNICATIONS: CTAF 122.9
Ⓡ **WILKES–BARRE APP/DEP CON** 126.3
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
LAKE HENRY (L) VORTACW 110.8 LHY Chan 45 N41°28.55′ W75°28.96′ 169° 8.3 NM to fld. 2320/10W.

STEWARTSTOWN

SHOESTRING AVIATION AIRFIELD (ØP2) 3 NW UTC−5(−4DT) N39°47.69′ W76°38.83′ **WASHINGTON**
1000 S4 NOTAM FILE IPT
RWY 15–33 1000X100 (TURF)
RWY 15: Thld dsplcd 200′. Tree. Rgt tfc. **RWY 33:** Thld dsplcd 500′. Tree.
RWY 06–24 ULTRALIGHT: 1000X100 (TURF)
RWY 06: ULTRALIGHT: Trees. **RWY 24 ULTRALIGHT:** Thld dsplcd 183′. Rgt tfc.
AIRPORT REMARKS: Attended irregularly. Extensive ultralgt activity on and invof arpt. Ultralgts must use Rwy 06U–24U. Major airframe and powerplant repair for light sport acft only. Rwy 33 nstd dsplcd thld marked with one white patio block each side. Dsplcd thlds marked with one white paver each side.
COMMUNICATIONS: CTAF 122.9

STONYFORK N41°41.72′ W77°25.19′ NOTAM FILE IPT. **DETROIT**
(L) VOR/DME 108.6 SFK Chan 23 036° 2.2 NM to Wellsboro Johnston. 1985/08W. **H–10H, L–30J**
RCO 122.1R 108.6T (WILLIAMSPORT RADIO)

STOTTLE MEM HELIPORT (See HONEY GROVE)

STOYSTOWN N40°05.14′ W78°54.99′ NOTAM FILE AOO. **DETROIT**
NDB (MHW) 209 SYS 246° 5.3 NM to Somerset Co. Unusable 090°–150°beyond 20 NM. **L–29D**

STROH N40°36.89′ W77°43.08′ NOTAM FILE IPT. **DETROIT**
NDB (MHW/LOM) 407 RV 058° 5.6 NM to Mifflin Co. **L–30J**
NDB unmonitored.

STROUDSBURG–POCONO (See EAST STROUDSBURG)

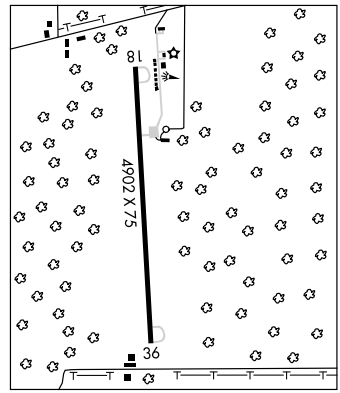
SUNBURY

SUNBURY (71N) 2 NE UTC−5(−4DT) N40°53.51′ W76°46.73′ **NEW YORK**
450 S2 NOTAM FILE IPT
RWY 05–23: 3250X250 (TURF)
RWY 05: Thld dsplcd 1050′. Trees. **RWY 23:** Tree.
AIRPORT REMARKS: Attended irregularly. Glider ops on and in vicinity of arpt. Mountain 560 ft AGL .5 miles east apch end Rwy 23. Treeline borders south end. Rwy 05–23 outlined with white patio blocks.
COMMUNICATIONS: CTAF 122.9

SUNBURY SPB (H11) 3 NE UTC−5(−4DT) N40°54.79′ W76°43.98′ **NEW YORK**
430 S2 **FUEL** 100LL NOTAM FILE IPT
WATERWAY 07–25: 5000X250 (WATER)
WATERWAY 25: Rgt tfc.
SEAPLANE REMARKS: Attended Jun–Aug irregularly dalgt hrs. Rwy 07–25 –ridge line of 850 ft MSL running parallel to rwy on S side.
COMMUNICATIONS: CTAF 122.9

TIDIOUTE N41°42.78′ W79°25.04′ NOTAM FILE AOO. **DETROIT**
(L) VORTAC 117.6 TDT Chan 123 256° 15.9 NM to Titusville. 1710/09W. **L–30H**
DME unusable 041°–051° byd 30 NM blo 4000′; 305°–340° byd 24 NM blo 3500′; 340°–005° byd 24 NM blo 5000′.
RCO 122.1R 117.6T (ALTOONA RADIO)

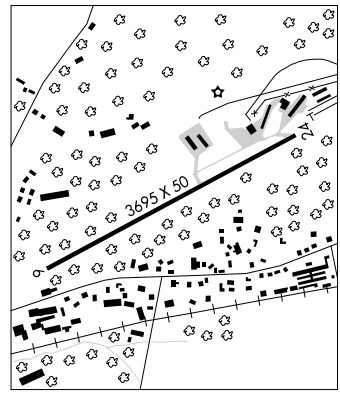
TITUSVILLE (6G1) 3 W UTC−5(−4DT) N41°36.53′ W79°44.48′ **DETROIT**
1600 B S2 **FUEL** 100LL, JET A NOTAM FILE AOO **L–30H**
RWY 18–36: H4902X75 (ASPH) S–12.5 MIRL 1.3% up N **IAP**
RWY 18: Trees.
RWY 36: Trees.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡. For fuel after hrs call 814–827–7664, 814–827–8795, 814–827–9157. Birds and deer on and invof arpt. Ultralights on and invof arpt. Radio controlled acft invof arpt. Gyro ops invof arpt last Sat every month. ACTIVATE MIRL Rwy 18–36—CTAF. Landing fee. Landing fee for business twins and helicopters waived for fuel purchase.
COMMUNICATIONS: CTAF 122.9
Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100–0500Z‡)
CLEVELAND CENTER APP/DEP CON 132.4 (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
TIDIOUTE (L) VORTAC 117.6 TDT Chan 123 N41°42.78′ W79°25.04′ 256° 15.9 NM to fld. 1710/09W.
FRANKLIN (L) VOR 109.6 FKL N41°26.32′ W79°51.41′ 033° 11.5 NM to fld. NOTAM FILE FKL. **HIWAS.**



TOTAL RF HELIPORT (See BENSALEM)

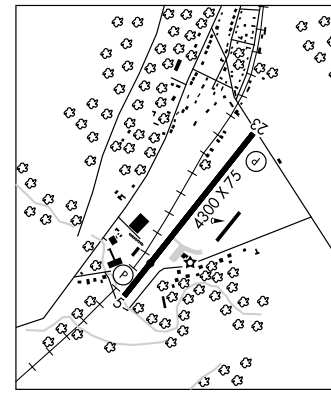
TOUGHKENAMON

NEW GARDEN (N57) 1 W UTC−5(−4DT) N39°49.83′ W75°46.19′ **WASHINGTON**
436 B S4 **FUEL** 80, 100LL NOTAM FILE IPT **L–34G, A**
RWY 06–24: H3695X50 (ASPH) LIRL (NSTD) **IAP**
RWY 06: Trees. **RWY 24:** Building.
AIRPORT REMARKS: Attended 1300–2200Z‡. For assistance after hrs ctc 610–444–0186. Landing fee. No landing fee, if fuel is purchased. Glider ops weekends. Wide ldg gear acft exit rwy at east end. Turn around avbl on west end. No take off from turf surface. Rwy 06–24 turf surface on rwy ends for glider recovery only. Rwy 06 noise abatement climb to 1200′ MSL before turning crosswind. Rwy 06–24 NSTD LIRL due to placement—not centered on rwy surface. Rwy closest to lgts on northwest side. Rwy end lgts outboard from edges.
COMMUNICATIONS: CTAF/UNICOM 123.05
MODENA RCO 122.1R 113.2T (WILLIAMSPORT RADIO)
Ⓡ **PHILADELPHIA APP/DEP CON** 124.35 **CLNC DEL** 125.6 TF 800–354–9884
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
MODENA (L) VORTAC 113.2 MXE Chan 79 N39°55.08′ W75°40.25′ 230° 7.0 NM to fld. 474/09W. **HIWAS.**



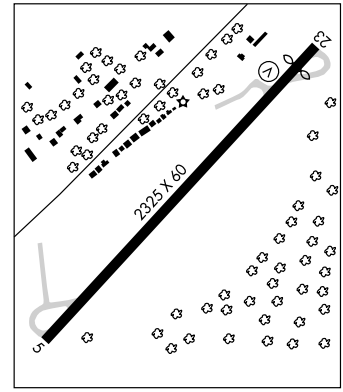
TOWANDA

BRADFORD CO (N27) 2 S UTC−5(−4DT) N41°44.40′ W76°26.83′ — NEW YORK
730 B S4 **FUEL** 100LL, JET A OX 4 NOTAM FILE IPT — L–30J
RWY 05–23: H4300X75 (ASPH) S–12 HIRL 0.4% up SW. — IAP
RWY 05: REIL. PAPI(P2L)—GA 3.0° TCH 41′. Trees.
RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 37′. Trees.
AIRPORT REMARKS: Attended 1300–2300Z‡. For svc after hrs call 570–637–4899, 570–265–2629 or 607–857–3025. Ultralight activity on and invof. ACTIVATE HIRL Rwy 05–23, REIL Rwys 05 and 23 —123.0.
COMMUNICATIONS: CTAF/UNICOM 123.0
BINGHAMTON APP/DEP CON 118.6 (1100–0500Z‡)
NEW YORK CENTER APP/DEP CON 132.175 (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
BINGHAMTON (L) VORTAC 112.2 CFB Chan 59 N42°09.45′ W76°08.19′ 219° 28.6 NM to fld. 1583/10W.



TOWER CITY

BENDIGO (74N) 2 S UTC−5(−4DT) N40°33.51′ W76°33.57′ — NEW YORK
791 B NOTAM FILE IPT — L–30J
RWY 05–23: H2325X60 (ASPH–CONC) S–12.5 HIRL — IAP
RWY 05: Trees.
RWY 23: VASI(V2R)—GA 3.0 TCH 25′. Thld dsplcd 196′. Tree.
AIRPORT REMARKS: Unattended. For attendance on call phone 717–647–7367. Arpt may be clsd to transient acft Dec–Apr. Check NOTAMS and call 610–413–7428 for arpt conditions. ACTIVATE HIRL Rwy 05–23—CTAF.
COMMUNICATIONS: CTAF 122.9
Ⓡ **HARRISBURG APP/DEP CON** 126.45
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
RAVINE (L) VORTAC 114.6 RAV Chan 93 N40°33.20′ W76°35.96′ 091° 1.8 NM to fld. 1150/11W.
COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800–932–0712.



TUNKHANNOCK

SKYHAVEN (76N) 1 S UTC−5(−4DT) N41°31.75′ W75°56.81′ — NEW YORK
639 S4 **FUEL** 100LL TPA—1600(961) NOTAM FILE IPT
RWY 01–19: H2007X50 (ASPH) S–12.5
RWY 01: Thld dsplcd 225′. Tree. **RWY 19:** Thld dsplcd 438′. Pole.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Parachute Jumping. For service after hrs phone 570–836–3884 or 570–237–6374.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WILKES–BARRE APP/DEP CON** 124.5

TYRONE N40°44.11′ W78°19.88′ NOTAM FILE AOO . — DETROIT
(L) VORTAC 114.9 TON Chan 96 058° 14.3 NM to Mid–State. 2630/07W. — L–30I
RCO 122.1R 114.9T (ALTOONA RADIO)

UNIONVILLE

RIDGE SOARING (79N) 2 SW UTC−5(−4DT) N40°53.04′ W77°54.43′ **DETROIT**

815 **FUEL** 100LL NOTAM FILE AOO

RWY 07–25: 3322X150 (ASPH–TURF)

RWY 07: Thld dsplcd 725′. Tree. **RWY 25:** Thld dsplcd 470′. Trees.

AIRPORT REMARKS: Attended Mar–Nov 1400–2200Z‡. Designated gliderport. Ditch borders rwy edges both sides 1738 ft inbound from Rwy 25. W end Rwy 07–25 1367 ft by 100 ft turf; east end rwy 345 ft by 100 ft turf; center portion contains asph/grvl strip 1953 ft by 20 ft. Rwy 07–25 ends and sides marked with pink foam markers; dsplcd thld marked with recessed pink foam markers perpendicular to other rwy. Rwy 07–25 centerline runs along south edge of paved strip.

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: Communications with arpt avbl on 123.3 Aviation Instructional frequency.

UNIVERSITY PARK (See STATE COLLEGE)

VANSANT (See ERWINNA)

VENANGO RGNL (See FRANKLIN)

WASHINGTON CO (AFJ) 3 SW UTC−5(−4DT) N40°08.19′ W80°17.41′ **DETROIT**

1184 S4 **FUEL** 100LL, JET A OX 1,3 NOTAM FILE AFJ **H–10H, 12H, L–29C**

RWY 09–27: H5000X100 (ASPH) S–40, D–60, DT–90 HIRL **IAP**

RWY 09: Trees.

RWY 27: REIL. Hill.

AIRPORT REMARKS: Attended 1100–0200Z‡. Deer and turkey on and invof rwy. 185′ hill/trees 3209′ from thld Rwy 09. 282′ hill/trees 6978′ from thld Rwy 27. HIRL Rwy 09–27 and REIL Rwy 27 opr dusk–0200Z‡; after 0200Z‡ ACTIVATE—CTAF. VASI Rwys 09 and 27 opr 24 hrs. Rwy 27 VASI restricted to category A and B acft only.

WEATHER DATA SOURCES: AWOS–3 119.175 (724) 228–3529.

COMMUNICATIONS: CTAF/UNICOM 122.8

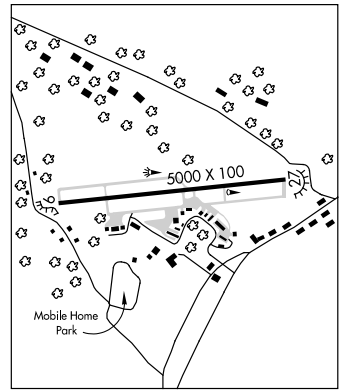
Ⓡ **PITTSBURGH APP/DEP CON** 119.35 **CLNC DEL** 127.3

RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.

ALLEGHENY (L) VOR/DME 110.0 AGC Chan 37 N40°16.72′ W80°02.45′ 242° 14.3 NM to fld. 1290/09W. **HIWAS.**

WHEELING (L) VOR/DME 112.2 HLG Chan 59 N40°15.59′ W80°34.12′ 127° 14.8 NM to fld. 1269/07W. NOTAM FILE HLG.

ILS/DME 110.3 I–AFJ Chan 40 Rwy 27. (LOC only).



WATTSBURG

ERIE CO (3G1) 3 NW UTC−5(−4DT) N42°02.67′ W79°51.24′ **DETROIT**

1450 **FUEL** 80 NOTAM FILE AOO **L–30H**

RWY 09–27: H3030X60 (ASPH) S–12.5

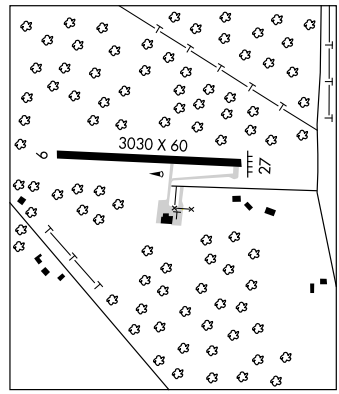
RWY 09: Trees.

AIRPORT REMARKS: Unattended. Groundskeeper on station, no svcs. Small birds and deer on and invof rwy. For arpt conditions 25 Dec–31 Mar ctc arpt manager 814–739–2456.

COMMUNICATIONS: CTAF 122.9

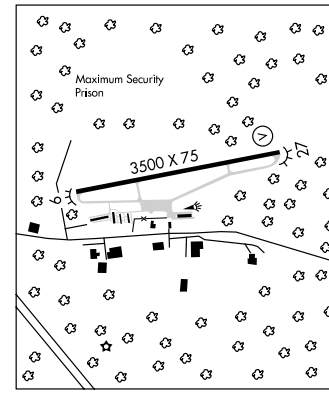
RADIO AIDS TO NAVIGATION: NOTAM FILE ERI.

ERIE (L) VORTAC 109.4 ERI Chan 31 N42°01.04′ W80°17.56′ 091° 19.7 NM to fld. 800/06W.



WAYNESBURG

GREENE CO (WAY) 2 E UTC−5(−4DT) N39°54.07′ W80°07.84′ — CINCINNATI
1069 B S4 **FUEL** 100LL NOTAM FILE AOO — L–29C
RWY 09–27: H3500X75 (ASPH) S–12 MIRL — IAP
RWY 09: Trees. **RWY 27:** VASI(V4R)—GA 4.0°TCH 28′. Trees.
AIRPORT REMARKS: Attended Mon–Fri 1330Z‡–2130Z‡, Sat–Sun 1400–2200. For svc after hrs ctc 724–627–8357, 724–998–3879 or 724–852–1553. Ground drops off sharply east end Rwy 09–27. Deer and birds on and invof rwy.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.95
RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.
ALLEGHENY (L) VOR/DME 110.0 AGC Chan 37 N40°16.72′ W80°02.45′ 199° 23.0 NM to fld. 1290/09W. **HIWAS.**



WELLSBORO

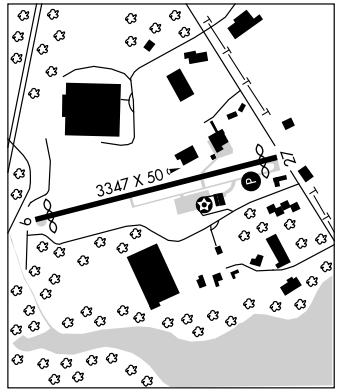
WELLSBORO JOHNSTON (N38) 4 SW UTC−5(−4DT) N41°43.67′ W77°23.79′ — DETROIT
1892 B **FUEL** 100LL NOTAM FILE IPT — L–30J
RWY 10–28: H3597X60 (ASPH) MIRL — IAP
RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees. **RWY 28:** REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
AIRPORT REMARKS: Attended Mon–Sat 1500–2200Z‡. Sun 1800–2200Z‡. Bcn ops dusk–0700Z‡. ACTIVATE MIRL Rwy 10–28, REIL Rwys 10 and 28 and rotating bcn after 0700Z‡—CTAF. REIL Rwy 10 OTS indef. REIL Rwy 28 OTS indef.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ELMIRA APP/DEP CON** 119.45 (1100–0500Z‡)
Ⓡ **NEW YORK CENTER APP/DEP CON** 133.35 (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
STONYFORK (L) VOR/DME 108.6 SFK Chan 23 N41°41.72′ W77°25.19′ 036° 2.2 NM to fld. 1985/08W.

WELLSVILLE

KAMPEL (2N5) 2 W UTC−5(−4DT) N40°02.91′ W76°58.68′ — NEW YORK
610 S1 **FUEL** 100LL NOTAM FILE IPT
RWY 05–23: 2500X100 (TURF)
RWY 05: Tank. **RWY 23:** Thld dsplcd 300′. Trees.
AIRPORT REMARKS: Attended Apr–Nov Mon–Sat 1300–2200Z‡. Arpt CLOSED to transient acft Dec–Mar. Rwy 05–23 marked with yellow cones. Rwy 23 dsplcd thlds marked with 2 yellow cones each side of rwy.
COMMUNICATIONS: CTAF 122.9
COMM/NAV/WEATHER REMARKS: For pickup clearance TF 800–932–0712.

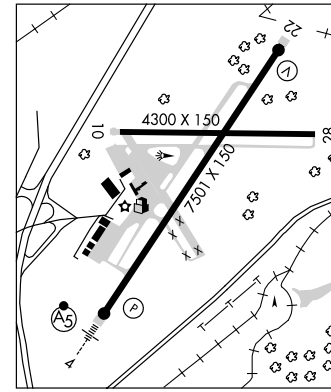
WEST CHESTER

BRANDYWINE (OQN) 3 NE UTC−5(−4DT) N39°59.41′ W75°34.92′ **WASHINGTON**
466 B S6 **FUEL** 100LL, JET A TPA—1501(1035) NOTAM FILE IPT **L–34G, A**
RWY 09–27: H3347X50 (ASPH) S–10 LIRL **IAP**
RWY 09: Thld dsplcd 125′. Trees. Rgt tfc.
RWY 27: PAPI(P2L)—GA 3.0° TCH 15′. Thld dsplcd 250′. Trees.
AIRPORT REMARKS: Attended 1300–2200Z‡. For svc after hrs ctc 484–832–3476. Birds and deer on and invof arpt. Tfc departing Rwy 27 turn right 10° until reaching 1200′ MSL to avoid mansion left and homes right. ACTIVATE rotating bcn—CTAF. ACTIVATE LIRL Rwy 09–27, PAPI Rwy 27—CTAF. Ldg fee commercial ops only.
WEATHER DATA SOURCES: AWOS–3 121.4 (610) 692–6190.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **PHILADELPHIA APP/DEP CON** 124.35 **CLNC DEL** 125.6 TF 800–354–9884
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
MODENA (L) VORTAC 113.2 MXE Chan 79 N39°55.08′ W75°40.25′ 052° 6.0 NM to fld. 474/09W. **HIWAS.**



WILKES–BARRE N41°16.37′ W75°41.37′ NOTAM FILE AVP. **NEW YORK**
(L) VORTAC 111.6 LVZ Chan 53 349° 4.2 NM to Wilkes–Barre/Scranton Intl. 2120/10W. **H–10I, 12J, L–30K, 33A, 34H**
VOR portion unusable 290°–305° byd 15 NM blo 6000′.
RCO 122.6 122.2 (LEESBURG RADIO)

WILKES–BARRE/SCRANTON INTL (AVP) 5 SW UTC−5(−4DT) N41°20.31′ W75°43.40′ **NEW YORK**
962 B S4 **FUEL** 100LL, JET A OX 2, 4 LRA Class I, ARFF Index B **H–10I, 12J, L–30K, 33A**
NOTAM FILE AVP **IAP, AD**



RWY 04–22: H7501X150 (ASPH–GRVD) S–133, D–173, DT–300
PCN 45 F/A/X/T HIRL 0.7% up SW
RWY 04: MALSR. PAPI(P4R)—GA 3.0° TCH 65′.
RWY 22: REIL. VASI(V4L)—GA 3.0°TCH 54′. Tower. Rgt tfc.
RWY 10–28: H4300X150 (ASPH–GRVD) S–58, D–80, ST–101, DT–125 MIRL 0.3% up E
RWY 10: REIL. Rgt tfc.
RWY 28: REIL. Trees. Rgt tfc.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 04	10–28	4700

RUNWAY DECLARED DISTANCE INFORMATION

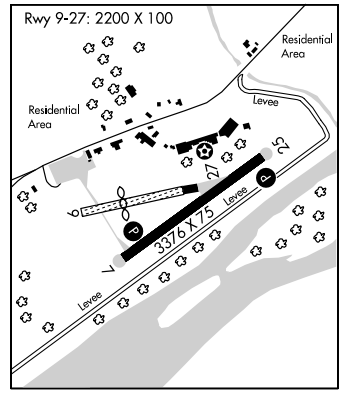
RWY 04:	TORA–7501	TODA–7501	ASDA–7501	LDA–7501
RWY 10:	TORA–4300	TODA–4300	ASDA–4300	LDA–4300
RWY 22:	TORA–7501	TODA–7501	ASDA–7501	LDA–7501
RWY 28:	TORA–4300	TODA–4300	ASDA–4300	LDA–4300

ARRESTING GEAR/SYSTEM
RWY 04: EMAS
RWY 22: EMAS

AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. Rwy 10 CLOSED for ldgs. Rwy 04–22 NSTD safety area each end less than 1000′, Rwy 04 departure end Runway Safety Area = 400′, Rwy 04–22 precipitous drop–off each rwy end. First 1500′ Rwy 10 not visible from twr. Unlighted twr 1130′ 1.3 miles east AER 28; unlighted twr 1463′ 1.7 miles east AER 28, unlighted twr 1652′ 2.4 miles east AER 28. Rwy 28 unlgtd high terrain trees, 1155 ft MSL .91 miles E AER 28, 1463 ft MSL 1.49 miles east–southeast AER 28, 1667 ft MSL 2.25 miles east AER 28, 1920 ft MSL 2.84 miles E AER 28. Western ⅓ of Twy D not visible from twr. Twy E not visible from twr. Ldg fee. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (570) 457–3111.
COMMUNICATIONS: ATIS 111.6 **UNICOM** 122.95
RCO 122.6 122.2 (WILLIAMSPORT RADIO)
Ⓡ **APP/DEP CON** 124.5 (280°–100°) 126.3 (101°–279°)
TOWER 120.1 **GND CON** 121.9
AIRSPACE: TRSA svc ctc **APP CON** within 20 NM
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.
(L) VORTACW 111.6 LVZ Chan 53 N41°16.37′ W75°41.37′ 349° 4.2 NM to fld. 2120/10W.
CRYSTAL LAKE NDB (MHW) 410 CYE N41°12.62′ W75°49.91′ 044° 9.1 NM to fld.
NDB unusable byd 15 NM.
BARTY NDB (LOM) 257 AV N41°16.61′ W75°46.54′ 044° 4.4 NM to fld. Unusable byd 10 NM.
ILS/DME 109.9 I–AVP Chan 36 Rwy 04. LOM BARTY NDB. BARTY OM unusable byd 10 NM.
ILS/DME 109.9 I–IZK Chan 36 Rwy 22. Localizer unusable byd 30° left side of course. DME also serves ILS Rwy 04.

WILKES–BARRE WYOMING VALLEY (WBW) 3 N UTC−5(−4DT) N41°17.83′ W75°51.07′ **NEW YORK**
545 B S4 **FUEL** 100LL, JET A NOTAM FILE IPT **L–30K**
RWY 07–25: H3376X75 (ASPH) MIRL
RWY 07: REIL. PAPI(P2L)—GA 3.5° TCH 20′. Trees.
RWY 25: REIL. PAPI(P2L)—GA 3.5° TCH 20′. Berm.
RWY 09–27: 2200X100 (ASPH–TURF)
RWY 09: Thld dsplcd 660′. Trees. **RWY 27:** Trees.
AIRPORT REMARKS: Attended 1300–2200Z‡. Rwy 09–27 CLOSED indef. High transmission lines +152′, 6,000′ from Rwy 25 thld 585′ left marked with red spheres. Rwy 09–27 marked with white 3′ cones. Rwy 09 dsplcd thld marked with three white cones each side. First 700′ of Rwy 25 has 2–4 inch wide longitudinal and transverse cracks 3–8 inches deep. Rwy 07 PAPI OTS indef. Rwy 25 PAPI OTS indef. REIL Rwy 07 OTS indef. REIL Rwy 25 OTS indef. ACTIVATE MIRL Rwy 07–25, PAPI Rwy 07 and Rwy 25, REIL Rwy 07 and Rwy 25, rotating bcn—CTAF. Rwy 07–25 preset low ints, to ACTIVATE higher ints—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WILKES–BARRE APP/DEP CON** 126.3
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.
(L) VORTACW 111.6 LVZ Chan 53 N41°16.37′ W75°41.37′ 291° 7.5 NM to fld. 2120/10W.

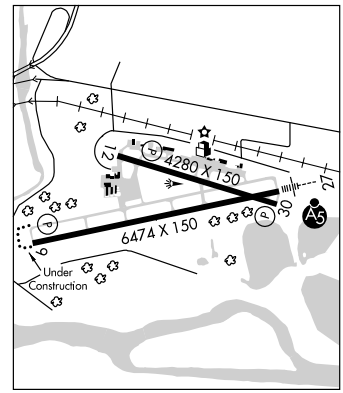


WILLIAM T. PIPER MEMORIAL (See LOCK HAVEN)

WILLIAMSBURG

COVE VALLEY (6G6) 2 W UTC−5(−4DT) N40°27.27′ W78°14.28′ **DETROIT**
1156 S4 NOTAM FILE AOO
RWY 04–22: 2750X100 (TURF)
RWY 04: Thld dsplcd 285′. Road. Rgt tfc. **RWY 22:** Thld dsplcd 286′. Brush.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡, Sat–Sun irregularly. Occasionally farm vehicles transverse area near apch end of Rwy 04. Arpt safety briefing required before ldg 814–832–2694. Deer on and invof arpt. Turf soft during spring and after rains; no ops when rwy is soft or snow covered. Rwy 04–22 marked with white boundary markers. Rwy 04–22 dsplcd thlds marked with blue contrasting boundary markers.
COMMUNICATIONS: CTAF 122.9

WILLIAMSPORT RGNL (IPT) 4 E UTC−5(−4DT) N41°14.51′ W76°55.27′ **NEW YORK**
529 B S4 **FUEL** 100LL, JET A OX 1 Class I, ARFF Index A NOTAM FILE IPT **H–10H, 12I, L–30J**
RWY 09–27: H6474X150 (ASPH–GRVD) S–65, D–100, ST–127, DT–190 HIRL **IAP, AD**
RWY 09: PAPI(P4L) Trees.
RWY 27: MALSR. Railroad. Rgt tfc.
RWY 12–30: H4280X150 (ASPH) S–200, D–200, ST–175, DT–400 MIRL
RWY 12: PAPI(P2L)—GA 3.75° TCH 45′.
RWY 30: PAPI(P2L)—GA 4.0° TCH 41′. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 09: TORA–6474 TODA–6474 ASDA–6474 LDA–6474
RWY 12: TORA–4280 TODA–4280 ASDA–4280 LDA–4280
RWY 27: TORA–6474 TODA–6474 ASDA–6474 LDA–6474
RWY 30: TORA–4280 TODA–4280 ASDA–4280 LDA–4280
AIRPORT REMARKS: Attended 1130–0330Z‡. After hours by prior coordination call 570–368–2651. Fuel and svcs avbl 1030–0300Z‡, after hrs by prior coordination call 570–368–2651. Arpt CLOSED to banner towing ops. Twy J CLOSED to acft with wing span over 78 ft. PPR 12 hours for unscheduled air carrier ops with more than 30 passenger seats 0400–1100Z‡ daily call arpt manager 570–368–2444 or 570–368–2446. Rwy 30 PAPI unusable byd 7° left side of course. Birds on and invof arpt especially AER 27. Unlighted crane 90′ AGL .5 miles southeast AER 30 permanently. When twr closed ACTIVATE MALSR Rwy 27, HIRL Rwy 09–27, and twy lgts—CTAF; MIRL Rwy 12–30 off. For landside access from arpt after hrs use computerized gate system at east end or FBO apron. Ldg fee.



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WEATHER DATA SOURCES: ASOS 125.225 (570) 368–3420.
COMMUNICATIONS: CTAF 119.1 **UNICOM** 122.95
RCO 122.65 122.2 (WILLIAMSPORT RADIO)
RCO 122.1R 114.4T (WILLIAMSPORT RADIO)
Ⓡ **NEW YORK CENTER APP/DEP CON** 124.9
TOWER 119.1 (1130–0330Z‡) **GND CON** 121.9
AIRSPACE: CLASS D svc 1130–0330Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
(L) VOR/DME 114.4 FQM Chan 91 N41°20.31′ W76°46.49′ 238° 8.8 NM to fld. 2090/09W.
PICTURE ROCKS NDB (MHW) 344 PIX N41°16.61′ W76°42.61′ 267° 9.8 NM to fld.
ILS 110.1 I–IPT Rwy 27. LOC unusable 1 NM to AER abv 2200 ft. LOC unusable byd 30° left of course.
COMM/NAV/WEATHER REMARKS: When twr clsd New York Center provides clnc del on 124.9.

WILLOW GROVE NAS JRB (NXX)(KNXX) N (AR ANG) 4 NW UTC−5(−4DT) — NEW YORK

N40°11.99′ W75°08.89′ — H–10I, 12I, L–34G, A

358 B TPA—See Remarks NOTAM FILE PNE Not insp. — DIAP, AD

RWY 15–33: H8002X200 (PEM) PCN 50 R/C/W/T HIRL CL
RWY 15: ALSF1. VASI(V4R). Rgt tfc. 0.8% up. **RWY 33:** MALSF. PAPI(P4R). 0.8% down.
MILITARY SERVICE: LGT Opr SS–0400Z‡. **JASU** 9(GTC–85) 12(NC–8) 2(MA–1A) Ltd F4 starting capability. **FUEL** J8. No fuel avbl 0400–1200Z‡ daily. Priority fueling established for Reserve training Fri–Sun. **FLUID** SP PRESAIR; LOX 24 hr prior notice required 2100–1200Z‡. **OIL** O–133–156 **TRAN ALERT** Ltd tran svc avbl during normal opr hrs. No hangar space. No fleet svc avbl.
MILITARY REMARKS: Opr 1200–0400Z‡. See FLIP AP/1, Supplementary Arpt Remarks. **RSTD** PPR 24 hr prior notice from Navy Transient Line for all transient acft DSN 991–6215, C215–443–6215. In addition to the PPR, acft requiring parking on National Guard ramp contact 111th FighterWing Operations at DSN 991–1511. **CAUTION** Numerous civil acft opr to/from 2 civil arpts and 6 heliports within the Class D Airspace. Simultaneous helicopter opr conducted W of Rwy 15–33 at and blo 1200′. Bird hazard spring and fall. Tran heavy jet practice apch restricted. **TFC PAT** TPA–Overhead pattern 1900(1542). **NS ABTMT** Fixed wing acft climb rwy heading to 2000′ prior to any turns. **MISC** Tran acft requiring multiple apchs restricted to Mon–Sat 1300–0200Z‡; Sun 1700–0200Z‡. Arpt subject to no notice closure. Wx observation svc opr hr. **ANG** Tran acft to ANG ctc DSN 991–1511, C215–443–1511.
COMMUNICATIONS: ATIS 275.6
Ⓡ **PHILADELPHIA APP/DEP CON** 123.8 291.7 325.2X
TOWER 119.6 340.2 (1200–0400Z‡) **GND CON** 118.45 380.8 **CLNC DEL** 118.45 380.8 **PMSV METRO** 344.6
(Opr 24 hrs) **ANG OPS** 343.0 46.85 **BASE OPS** 306.8 **AR** 143.02 226.5 34.55
AIRSPACE: CLASS D svc 1200–0400Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE PNE.
(T) TACAN Chan 61 NXX (133.4) N40°11.67′ W75°08.78′ at fld. 357/10W. TACAN opr and monitored 1200–0400Z‡.
TACAN unusable:
010–030° at and blo 4,500′ byd 15 NM
070°–090° at and blo 4,500′ byd 15 NM
260°–280° at and blo 4,500′ byd 15 NM
ASR/PAR No–NOTAM PAR MP Mon 1300–2100Z‡.
COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

WINGS FLD (See PHILADELPHIA)

W.P.H.S. HELIPORT (See MOUNT PLEASANT)

YARDLEY N40°15.20′ W74°54.46′ NOTAM FILE IPT. — NEW YORK

(L) VOR/DME 108.2 ARD Chan 19 082° 4.5 NM to Trenton Mercer, NJ. 300/10W. — H–10I, L–34G, A

VOR portion unusable:
178° byd 5 NM
230°–238° byd 8 NM blo 3000′
250°–265° byd 17 NM blo 2500′
266°–280° byd 10 NM
281°–300° byd 17 NM blo 3000′
300°–353° byd 35 NM blo 3000′
DME portion unusable:
178° byd 5 NM
25°–275° byd 15 NM blo 2400′
225°–275° byd 30 NM blo 5000′
230°–238° byd 8 NM blo 3000′

CONTINUED FROM PRECEDING PAGE

WEATHER DATA SOURCES: ASOS 125.225 (570) 368–3420.
COMMUNICATIONS: CTAF 119.1 **UNICOM** 122.95
RCO 122.65 122.2 (WILLIAMSPORT RADIO)
RCO 122.1R 114.4T (WILLIAMSPORT RADIO)
Ⓡ **NEW YORK CENTER APP/DEP CON** 124.9
TOWER 119.1 (1130–0330Z‡) **GND CON** 121.9
AIRSPACE: CLASS D svc 1130–0330Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.
(L) VOR/DME 114.4 FQM Chan 91 N41°20.31′ W76°46.49′ 238° 8.8 NM to fld. 2090/09W.
PICTURE ROCKS NDB (MHW) 344 PIX N41°16.61′ W76°42.61′ 267° 9.8 NM to fld.
ILS 110.1 I–IPT Rwy 27. LOC unusable 1 NM to AER abv 2200 ft. LOC unusable byd 30° left of course.
COMM/NAV/WEATHER REMARKS: When twr clsd New York Center provides clnc del on 124.9.

WILLOW GROVE NAS JRB (NXX)(KNXX) N (AR ANG) 4 NW UTC−5(−4DT) — NEW YORK

N40°11.99′ W75°08.89′ — H–10I, 12I, L–34G, A

358 B TPA—See Remarks NOTAM FILE PNE Not insp. — DIAP, AD

RWY 15–33: H8002X200 (PEM) PCN 50 R/C/W/T HIRL CL
RWY 15: ALSF1. VASI(V4R). Rgt tfc. 0.8% up. **RWY 33:** MALSF. PAPI(P4R). 0.8% down.
MILITARY SERVICE: LGT Opr SS–0400Z‡. **JASU** 9(GTC–85) 12(NC–8) 2(MA–1A) Ltd F4 starting capability. **FUEL** J8. No fuel avbl 0400–1200Z‡ daily. Priority fueling established for Reserve training Fri–Sun. **FLUID** SP PRESAIR; LOX 24 hr prior notice required 2100–1200Z‡. **OIL** O–133–156 **TRAN ALERT** Ltd tran svc avbl during normal opr hrs. No hangar space. No fleet svc avbl.
MILITARY REMARKS: Opr 1200–0400Z‡. See FLIP AP/1, Supplementary Arpt Remarks. **RSTD** PPR 24 hr prior notice from Navy Transient Line for all transient acft DSN 991–6215, C215–443–6215. In addition to the PPR, acft requiring parking on National Guard ramp contact 111th FighterWing Operations at DSN 991–1511. **CAUTION** Numerous civil acft opr to/from 2 civil arpts and 6 heliports within the Class D Airspace. Simultaneous helicopter opr conducted W of Rwy 15–33 at and blo 1200′. Bird hazard spring and fall. Tran heavy jet practice apch restricted. **TFC PAT** TPA–Overhead pattern 1900(1542). **NS ABTMT** Fixed wing acft climb rwy heading to 2000′ prior to any turns. **MISC** Tran acft requiring multiple apchs restricted to Mon–Sat 1300–0200Z‡; Sun 1700–0200Z‡. Arpt subject to no notice closure. Wx observation svc opr hr. **ANG** Tran acft to ANG ctc DSN 991–1511, C215–443–1511.
COMMUNICATIONS: ATIS 275.6
Ⓡ **PHILADELPHIA APP/DEP CON** 123.8 291.7 325.2X
TOWER 119.6 340.2 (1200–0400Z‡) **GND CON** 118.45 380.8 **CLNC DEL** 118.45 380.8 **PMSV METRO** 344.6
(Opr 24 hrs) **ANG OPS** 343.0 46.85 **BASE OPS** 306.8 **AR** 143.02 226.5 34.55
AIRSPACE: CLASS D svc 1200–0400Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE PNE.
(T) TACAN Chan 61 NXX (133.4) N40°11.67′ W75°08.78′ at fld. 357/10W. TACAN opr and monitored 1200–0400Z‡.
TACAN unusable:
010–030° at and blo 4,500′ byd 15 NM
070°–090° at and blo 4,500′ byd 15 NM
260°–280° at and blo 4,500′ byd 15 NM
ASR/PAR No–NOTAM PAR MP Mon 1300–2100Z‡.
COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

WINGS FLD (See PHILADELPHIA)

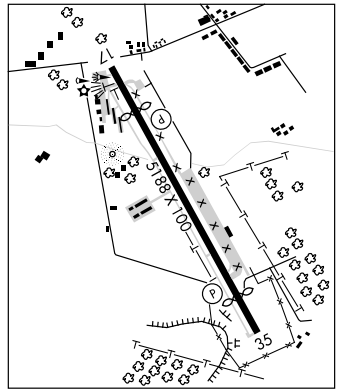
W.P.H.S. HELIPORT (See MOUNT PLEASANT)

YARDLEY N40°15.20′ W74°54.46′ NOTAM FILE IPT. — NEW YORK

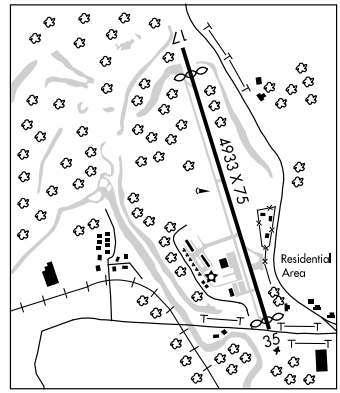
(L) VOR/DME 108.2 ARD Chan 19 082° 4.5 NM to Trenton Mercer, NJ. 300/10W. — H–10I, L–34G, A

VOR portion unusable:
178° byd 5 NM
230°–238° byd 8 NM blo 3000′
250°–265° byd 17 NM blo 2500′
266°–280° byd 10 NM
281°–300° byd 17 NM blo 3000′
300°–353° byd 35 NM blo 3000′
DME portion unusable:
178° byd 5 NM
25°–275° byd 15 NM blo 2400′
225°–275° byd 30 NM blo 5000′
230°–238° byd 8 NM blo 3000′

YORK (THV) 7 SW UTC−5(−4DT) N39°55.02′ W76°52.38′ **WASHINGTON**
495 B S4 **FUEL** 100LL, JET A OX 3 NOTAM FILE THV **H–10H, 12I, L–29E, 34F, A**
RWY 17–35: H5188X100 (ASPH) S–20, D–20, DT–20 MIRL 0.4% up SE. **IAP, AD**
RWY 17: REIL. PAPI(P4L)—GA 4.5° TCH 20′. Thld dsplcd 794′. Pole.
RWY 35: REIL. PAPI(P4L)—GA 3.75° TCH 23′. Thld dsplcd 739′. Pole.
AIRPORT REMARKS: Attended May–Sep 1100–0100Z‡, Oct–Apr 1200–2300Z‡. Twy clsd to acft with wingspan over 60′. Rwy 35 lgtd obstruction pole within 60′ of controlling obstruction. Ldg fee.
WEATHER DATA SOURCES: ASOS 119.275 (717) 792–5529.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **HARRISBURG APP/DEP CON.** 124.1 **CLNC DEL** 121.65
RADIO AIDS TO NAVIGATION: NOTAM FILE CXY.
HARRISBURG (L) VORTAC 112.5 HAR Chan 72 N40°18.13′ W77°04.17′ 169° 24.8 NM to fld. 1301/10W.
NDB (MHW) 254 EUD N39°55.20′ W76°52.65′ at fld. NOTAM FILE THV.



ZELIENOPLE MUNI (PJC) 1 W UTC−5(−4DT) N40°48.12′ W80°09.65′ **DETROIT**
898 B S2 **FUEL** 100LL, JET A OX 2, 3 NOTAM FILE AOO **L–29C**
RWY 17–35: H4933X75 (ASPH) MIRL **IAP**
RWY 17: Thld dsplcd 551′. Hill.
RWY 35: Thld dsplcd 282′. REIL. Pole.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 17: TORA–4241 TODA–5056 ASDA–4932 LDA–4382
RWY 35: TORA–4932 TODA–4932 ASDA–4632 LDA–4352
AIRPORT REMARKS: Attended Mon–Fri 1300–2130Z‡. For attendant Sat–Sun call 724–452–4719. Deer and geese on and invof rwy. Rwy 17 has +78′ lgtd power pole on hill. Rwy 17–35 transverse crack near Twy A2. MIRL Rwy 17–35 opr dusk–0300Z‡, after 0300Z‡ ACTIVATE MIRL Rwy 17–35—CTAF. Rwy 35 missing thld marking other markings faded. Twy lgts to hangar area only. Parallel twy marked with reflectors.
WEATHER DATA SOURCES: ASOS 118.45 (724) 452–5304.
COMMUNICATIONS: CTAF 122.9
PITTSBURGH APP/DEP CON 124.75
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.
ELLWOOD CITY (H) VORTAC 115.8 EWC Chan 105 N40°49.50′ W80°12.69′ 129° 2.7 NM to fld. 1227/08W.



ARMIN N41°48.62′ W71°21.19′ NOTAM FILE PVD.

NDB (LOM) 356 AR 228° 6.2 NM to Theodore Francis Green State. Unmonitored when twr closed.

BLOCK ISLAND STATE (BID) 1 W UTC−5(−4DT) N41°10.09′ W71°34.67′ **NEW YORK**

108 B NOTAM FILE BID **L–33C**

RWY 10–28: H2502X100 (ASPH) S–30 MIRL 0.3% up W **IAP**

RWY 10: MALSF. PAPI(P4R)—GA 3.0°TCH 40′. Trees. **RWY 28:** REIL. PAPI(P4L)—GA 3.0° TCH 35′.

AIRPORT REMARKS: Attended May–Oct Sun–Thur 1300–0000Z‡, Fri–Sat 1300–0130Z‡, Nov–Apr 1300–2100Z‡. Deer and birds on and invof arpt. Obstructions–lighted towers 1 NM north east of airport ½ NM apart. Rwy conditions may not be monitored or reported when arpt is unattended; call arpt manager 401–466–5511. ACTIVATE MIRL Rwy 10–28; MALSF Rwy 10 and REIL and PAPI Rwy 10 and Rwy 28—CTAF. Arpt parking and safety brief avbl on landing 122.85 MHz or call 401–466–5511. Ldg fee: commercial and non Rhode Island registered acft. Overnight parking fee.

WEATHER DATA SOURCES: AWOS–3 134.775 (401) 466–5495.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **PROVIDENCE APP/DEP CON** 125.75 (1045–0500Z‡) **CLNC DEL** 120.1

BOSTON CENTER APP/DEP CON 124.85 (0500–1045Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE BID.

SANDY POINT (L) VORW/DME 117.8 SEY Chan 125 N41°10.05′ W71°34.56′ at fld. 100/15W.

DOWNTOWN PROVIDENCE HELISTOP (See PROVIDENCE)

NEWPORT STATE (UUU) 2 NE UTC−5(−4DT) N41°31.95′ W71°16.89′ **NEW YORK**

172 B S4 **FUEL** 100LL NOTAM FILE UUU **L–33C**

RWY 04–22: H2999X75 (ASPH) S–30 MIRL 0.8% up NE **IAP**

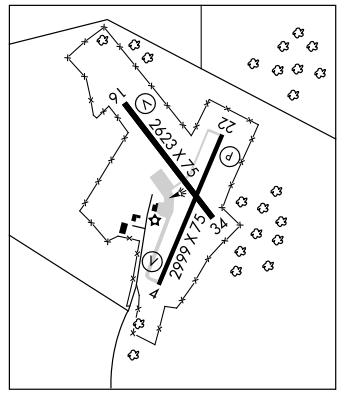
RWY 04: VASI(V4L)—GA 4.0°TCH 51′. Trees.

RWY 22: REIL. PAPI(P4L)—GA 4.0° TCH 30′. Trees.

RWY 16–34: H2623X75 (ASPH) S–30 MIRL 0.6% up S

RWY 16: VASI(V4L)—GA 3.75°TCH 40′. Trees. **RWY 34:** Trees.

AIRPORT REMARKS: Attended Nov–Apr 1300–2130Z‡, May–Oct 1300–2300Z‡. Fuel avbl 24 hrs by credit card. Parachute Jumping. Deer and birds on and invof arpt. Rwy conditions may not be monitored or reported when arpt is unattended; call arpt manager 401–295–5020. PPR required for jet acft. Arpt located in noise sensitive area. Populated areas to the south. Noise abatement procedures in effect, ctc arpt manager 401–846–9400 for more information. ACTIVATE MIRL Rwy 04–22 and Rwy 16–34; REIL Rwy 22 Twys 'A' 'B' 'C' and ramp area—CTAF. Overngt parking fee. Ldg fee commercial and non Rhode Island registered acft.



WEATHER DATA SOURCES: ASOS 132.075 (401) 846–5910.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PROVIDENCE APP/DEP CON** 128.7 (1045–0500Z‡) **CLNC DEL** 127.25

BOSTON CENTER APP/DEP CON 124.85 (0500–1045Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

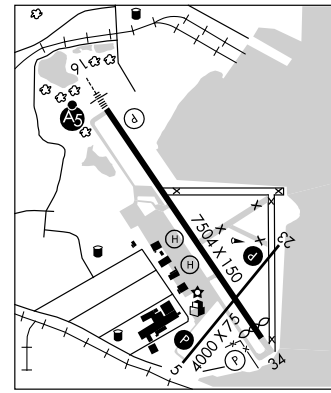
PROVIDENCE (H) VORTACW 115.6 PVD Chan 103 N41°43.46′ W71°25.78′ 164° 13.3 NM to fld. 49/14W. **HIWAS.**

ILS/DME 108.5 I–OTI CHAN 22 Rwy 22. LOC only. LOC unmonitored.

NORTH CENTRAL STATE (See PAWTUCKET)

NORTH KINGSTON

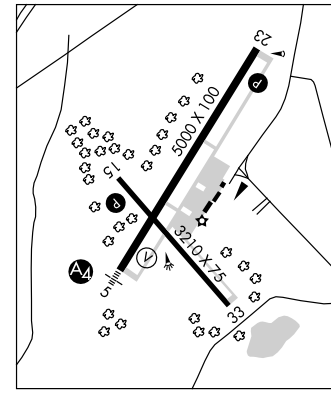
QUONSET STATE (OQU)(KOQU) CIV/MIL/P/ARNG/ANG 3 NE UTC−5(−4DT) **NEW YORK**
N41°35.83′ W71°24.73′ **H–10I, 11D, 12J, L–33C**
18 B **FUEL** 100LL, JET A LRA NOTAM FILE OQU **IAP, DIAP, AD**



RWY 16–34: H7504X150 (ASPH–GRVD) D–175, ST–175 HIRL
RWY 16: MALSR. PAPI(P4L)—GA 3.0° TCH 58′. Trees.
RWY 34: PAPI(P4L)—GA 3.0° TCH 58′. Thld dsplcd 403′.
RWY 05–23: H4000X75 (ASPH) S–12.5 MIRL
RWY 05: REIL. PAPI(P4L)–GA 3.0° TCH 40′. Pole.
RWY 23: REIL. PAPI(P4R)–GA 3.0° TCH 40°.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 16: TORA–7100 TODA–7100 ASDA–7100 LDA–7100
RWY 34: TORA–7500 TODA–7500 ASDA–7500 LDA–7100
MILITARY SERVICE: FUEL J8 (Military) A+, Landmark Aviation, opr 1100–0200Z‡. PPR mandatory during non–duty hr. Ctc C401–295–5020 extension 3008.) (NC–100LL, A)
AIRPORT REMARKS: Attended Mon–Fri 1200–0300Z‡, Sat–Sun 1230–2230Z‡. Noise abatement procedures for heavy acft; ctc arpt manager 401–295–5020. Heavy acft 255,000 gross weight. Twy R and Twy E clsd indef. Lgtd cranes 125′ high at pier 1000′ SE of Rwy 05. Deer and birds on and invof arpt. 180° turns for acft over 12,500 pounds gross weight prohibited on Rwy 16–34. Rwy 16 8000′ avbl for military acft. Rwy conditions may not be monitored or reported when arpt is unattended; call arpt manager 401–295–5020. ACTIVATE MIRL Rwy 05–23, HIRL Rwy 16–34, MALSR Rwy 16, REIL Rwy 05 and Rwy 23, and PAPI Rwy 05 and Rwy 23, and twy lgts—CTAF. Ldg fee commercial and non Rhode Island registered acft/overnight parking fee. Flight Notification Service (ADCUS) available.
MILITARY REMARKS: RSTD 180° turns for acft over 12,500 lbs gross weight prohibited on Rwy 16–34. **MISC** Rwy 16 8000′ avbl for military acft only. **TFC PAT** Rotary/Wing 718 (700), Fixed/Wing 1018(1000). **ANG** PPR. Opr Tue–Fri 1200–2230Z‡, except holidays. Tran acft inbound to ANG ctc RHODY OPS 15 min out. ANG OPS DSN 476–3405/3422, C401–886–1405/1422. Req all acft carrying Distinguished Visitors transit the ANG ramp during normal duty hr. Bird Aircraft Strike Hazard program in effect. 1 Aug–31 Oct is designated Phase II for Bird Watch Condition. Increased hazard from Canadian geese flying east to west over rwy. Inbound acft ctc twr for latest Bird Watch Condition. No communications security/weapons storage avbl. Acft req customs/agriculture ctc RHODY OPS 7 days prior arrival. No hot cargo parking avbl. **ARNG** Opr Tue–Fri 1200–2230Z‡, except holidays. Ltd tran maintenance, fuel and parking avbl. PPR fuel DSN 247–4539, C401–275–4539. Tran military acft ctc ARNG OPS 38.95 253.4 if landing ARNG ramp.
COMMUNICATIONS: CTAF 126.35 **ATIS** 118.6 (Tue–Fri 1300–0400Z‡, Sat 1400–2200Z‡ Sun 1500–2300Z‡.)
UNICOM 122.95
RCO 122.3 (BRIDGEPORT RADIO)
Ⓡ **PROVIDENCE APP/DEP CON** 135.4 380.25 244.875 (1045–0500Z‡)
BOSTON CENTER APP/DEP CON 124.85 307.9 (0500–1045Z‡)
QUONSET TOWER 126.35 252.9 Tue–Fri 1300–0400Z‡; Sat 1400–2200Z‡; Sun 1500–2300Z‡; clsd Mon and holidays **GND CON** 134.5 275.8 **ARNG OPS** 36.8 233.15
ANG OPS 383.3 (Call RHODY OPS)
AIRSPACE: CLASS D svc Tue–Fri 1300–0400Z‡; Sat 1400–2200Z‡; Sun 1500–2300Z‡; except Mon and holidays other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.
PROVIDENCE (H) VORTACW 115.6 PVD Chan 103 N41°43.46′ W71°25.78′ 188° 7.7 NM to fld. 49/14W. **HIWAS.**
ILS/DME 109.5 I–OQU Chan 32 Rwy 16. Class IA. Unmonitored when twr clsd. Preventive maintenance scheduled Thu 1400–1600Z‡.

PAWTUCKET

NORTH CENTRAL STATE (SFZ) 3 E UTC−5(−4DT) N41°55.25′ W71°29.48′ **NEW YORK**
441 B S4 **FUEL** 100LL, JET A LRA NOTAM FILE SFZ **H–10I, 11D, 12J, L–33C, 34J**
RWY 05–23: H5000X100 (ASPH) S–30, D–60 HIRL **IAP**
RWY 05: MALS. VASI(V4R)—GA 3.0° TCH 52′. Trees.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 35′. Trees.
RWY 15–33: H3210X75 (ASPH) S–12.5 MIRL 0.5% up SE
RWY 15: REIL. PAPI(P4R)—GA 3.5° TCH 35′. Trees.
RWY 33: REIL. Trees.
AIRPORT REMARKS: Attended 1200–0000Z‡. Parachute Jumping. Deer and birds on and invof arpt. Lgtd 250 ft MSL tower 3 2/5 miles SE. +50′ drop–off 250′ from Rwy 05 end, +40′ drop–off 250′ from Rwy 23 end. Rwy 23 intersection dep not authorized. For noise abatement, acft departing Rwy 23 maintain rwy heading for 1.1 miles prior to turn out. ACTIVATE HIRL Rwy 05–23 and MIRL Rwy 15–33; PAPI Rwy 15 and Rwy 23; MALS Rwy 05 and REIL Rwy 15, Rwy 23 and Rwy 33 and Twy lgts A, B, C, and D—CTAF. Overnight parking fee. Ldg fee for commercial acft and non–Rhode Island registered acft.



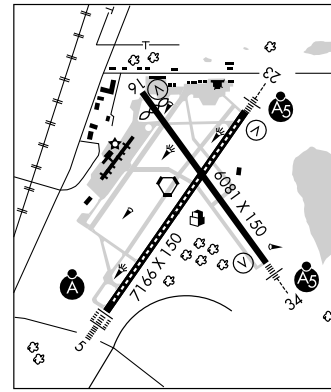
WEATHER DATA SOURCES: AWOS–3 120.025 (401) 334–0324
COMMUNICATIONS: CTAF/UNICOM 123.075
PROVIDENCE APP/DEP CON 135.4 (1045–0500Z‡) **CLNC DEL** 124.35
BOSTON CENTER APP/DEP CON 124.85 (0500–1045Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.
PROVIDENCE (H) VORTACW 115.6 PVD Chan 103 N41°43.46′ W71°25.78′ 001° 12.1 NM to fld. 49/14W. **HIWAS.**
PUTNAM (H) VOR/DME 117.4 PUT Chan 121 N41°57.33′ W71°50.65′ 111° 15.9 NM to fld. 650/14W. NOTAM FILE BDR.
ILS/DME 111.9 I–SFZ Chan 56 Rwy 05. LOC only. LOC unmonitored.

PROVIDENCE N41°43.46′ W71°25.78′ NOTAM FILE PVD. **NEW YORK**
(H) VORTACW 115.6 PVD Chan 103 at Theodore Francis Green State. 49/14W. **HIWAS. H–10I, 11D, 12J, L–33C, 34J**
VOR portion unusable:
085°–105° byd 8 NM blo 3000′
336°–194° byd 30 NM blo 2000′
195°–228° byd 30 NM blo 2500′
229°–254° byd 30 NM blo 2000′
255°–279° byd 30 NM blo 2500′
280°–335° byd 30 NM blo 3000′
DME unusable:
220°–240° byd 35 NM blo 3000′
241°–310° byd 30 NM blo 3000′
RCO 122.6 (BRIDGEPORT RADIO)

PROVIDENCE

DOWNTOWN PROVIDENCE HELISTOP (RI9) 0 N UTC−5(−4DT) N41°49.45′ W71°24.52′ **NEW YORK**
7 NOTAM FILE BDR
HELIPAD H1: H25X25 (CONC)
HELIPORT REMARKS: Unattended. PPR for all ops call 401–737–4000, ext. 227. CAUTION: High rise obstructions 600 ft North, South, and East of helistop. Birds on and invof helistop. Landing Area 25 ft diameter CONC TDZ area. Helipad H1 +90 ft building 81 ft from NE side; +20 ft trees 150 ft from SE side; 20 ft tree 135 ft south; +331 ft MSL lgtd smokestacks 675 ft from SW side.
COMMUNICATIONS: CTAF 122.9

THEODORE FRANCIS GREEN STATE (PVD) 6 S UTC−5(−4DT) N41°43.44′ W71°25.69′ **NEW YORK**
55 B S4 **FUEL** 100LL, JET A LRA Class I, ARFF Index C NOTAM FILE PVD **H–10I, 11D, 12J, L–33C, 34J**
RWY 05–23: H7166X150 (ASPH–GRVD) S–102, D–170, ST–175, DT–295, DDT–590 HIRL CL **IAP, AD**
RWY 05: ALSF2. TDZL.
RWY 23: MALSR. VASI(V4L)—GA 3.0° TCH 39′. Trees.
RWY 16–34: H6081X150 (ASPH–GRVD) S–102, D–170, ST–175, DT–295, DDT–590 HIRL 0.4% up N
RWY 16: REIL. VASI(V4L)—GA 3.0°TCH 38′. Thld dsplcd 565′. Pole.
RWY 34: MALSR. VASI(V2L)—GA 2.8° TCH 35′. Trees.



AIRPORT REMARKS: Attended continuously. No practice apchs by acft over 12500 lbs. Deer and birds on and invof arpt. Rwy 16–34, 110 ft unmarked light poles 2700 ft from thld Rwy 34; 900 ft left of centerline. ASDE–X Surveillance System in Use: Pilots should operate transponders with Mode C on all twys and rwys. Terminal ramp prohibited for use to general aviation. Northwest ramp acft with wingspan greater than 110′ req ground crew assistance for thru taxi and parking. Run up pads for Twys F and T clsd to acft with wingspan over 118 ft. Runup pad for Twy T used for overnight acft parking between 0100–1300Z‡. Twy V clsd daily 0100–1300Z‡; avbl for taxi north of Twy C. Noise abatement procedures in effect, ctc arpt manager 401–691–2297. Helicopters avoid residential areas when blo 1000′. Rwy 05 touchdown, midfield, and rollout runway visual range avbl. Rwy 23 touchdown runway visual range avbl. Rwy 34 touchdown runway visual range avbl. Rwy 05 ALSF2 becomes SSALR when twr clsd. When twr clsd ACTIVATE HIRL Rwys 05–23 and 16–34; SSALR Rwy 05; MALSR Rwys 23 and 34, Rwy 05 TDZL and Rwy 05–23 centerline lgts—CTAF. Ground vehicles monitor CTAF when twr closed. Ldg fee. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (401) 737–7612. **HIWAS** 115.6 PVD. LLWAS.
COMMUNICATIONS: CTAF 120.7 **D–ATIS** 124.2 401–737–3215.
PROVIDENCE RCO 122.6 (BRIDGEPORT RADIO)
Ⓡ **PROVIDENCE APP/DEP CON** 135.4 (1045–0500Z‡) **BOSTON CENTER APP/DEP CON** 124.85 (0500–1045Z‡)
PROVIDENCE TOWER 120.7 (1045–0500Z‡) **GND CON** 121.9 **CLNC DEL** 126.65
BRIDGEPORT RADIO CLNC DEL 122.6 (0500–1100Z‡)
AIRSPACE: CLASS C svc 1045–0500Z‡ ctc **APP CON** other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.
PROVIDENCE (H) VORTACW 115.6 PVD Chan 103 N41°43.46′ W71°25.78′ at fld. 49/14W. **HIWAS.**
RENCH NDB (LOM) 335 PV N41°38.51′ W71°29.68′ 046° 5.8 NM to fld. Unmonitored when twr closed.
ARMIN NDB (LOM) 356 AR N41°48.62′ W71°21.19′ 228° 6.2 NM to fld. Unmonitored when twr closed.
ILS/DME 109.3 I–PVD Chan 30 Rwy 05. Class IIIE. LOM RENCH NDB. ILS/DME unmonitored when twr closed.
ILS/DME 109.3 I–ARJ Chan 30 Rwy 23. Class IE. LOM ARMIN NDB. ILS/DME unmonitored when twr closed. DME unusable byd 10 NM. LOC unusable 10° right of course.
ILS/DME 111.5 I–UNQ Chan 52 Rwy 34. Class IE. ILS/DME unmonitored when twr closed. GS unusable byd 5° right of course.
COMM/NAV/WEATHER REMARKS: ILS/DME Rwy 05 CAT II and CAT III unavailable when twr closed.

QUONSET STATE (See NORTH KINGSTOWN)

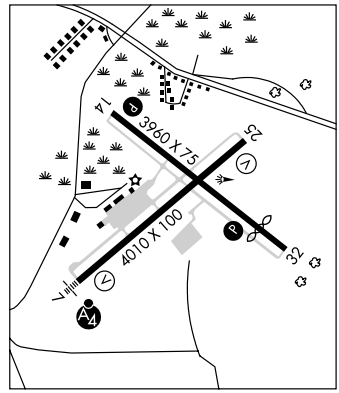
RENCH N41°38.51′ W71°29.68′ NOTAM FILE PVD.
NDB (LOM) 335 PV 046° 5.8 NM to Theodore Francis Green State. Unmonitored when twr closed.

RICHMOND (See WEST KINGSTON)

SANDY POINT N41°10.05′ W71°34.57′ NOTAM FILE BID. **NEW YORK**
(L) VORW/DME 117.8 SEY Chan 125 at Block Island State. 100/15W. **H–10I, L–33C**
VOR/DME unusable 245°–250° byd 20 NM blo 3500′.

THEODORE FRANCIS GREEN STATE (See PROVIDENCE)

WESTERLY STATE (WST) 2 SE UTC−5(−4DT) N41°20.98′ W71°48.20′ **NEW YORK**
81 B S4 **FUEL** 100LL, JET A NOTAM FILE WST **L–33C, 34I**
RWY 07–25: H4010X100 (ASPH–GRVD) S–30, D–60 MIRL 0.7% up NE **IAP**
RWY 07: MALSF. VASI(V4R)—GA 3.6°TCH 56′. Trees.
RWY 25: REIL. VASI(V2L)—GA 3.0°TCH 26′. Trees.
RWY 14–32: H3960X75 (ASPH) S–12.5 MIRL 0.6% up SE
RWY 14: PAPI(P4L)—GA 4.0° TCH 40′. Trees.
RWY 32: PAPI(P4L)—GA 4.0° TCH 40′. Thld dsplcd 750′. Trees.
AIRPORT REMARKS: Attended 1300–2130Z‡. Self svc 100LL fuel avbl 24 hrs. Deer and birds on and invof arpt. Rwy 07–25 is the preferred calm wind rwy. Rwy conditions may not be monitored or reported when arpt is unattended; call arpt manager 401–596–2357. Arpt located in noise sensitive area and populated areas to the south and west should be avoided. Noise abatement procedures in effect contact arpt manager at 401–596–2357. Banner tow ops on airfield and below 1000′ along southern coast of Rhode Island. ACTIVATE MIRL Rwy 07–25 and Rwy 14–32, MALSF Rwy 07 and REIL Rwy 25, Rwy 14 and Rwy 32 and PAPI Rwy 14 and Rwy 32 —CTAF. Overnight parking fee. Ldg fee for commercial and non Rhode Island registered acft.



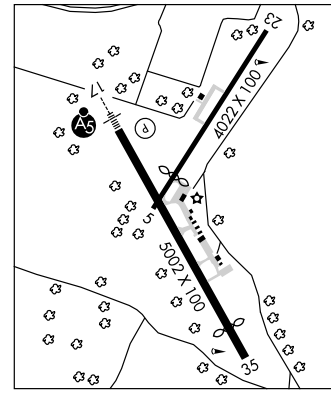
WEATHER DATA SOURCES: ASOS 132.375 (401) 596–9543.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **PROVIDENCE APP/DEP CON** 119.45 (S of ORW) (1045–0500Z‡)
BOSTON CENTER APP/DEP CON 124.85 (0500–1045Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE GON.
GROTON (T) VOR/DME 110.85 GON Chan 45(Y) N41°19.82′ W72°03.12′ 098° 11.3 NM to fld. 20/14W.
ILS/DME 108.9 I–RLS Chan 26 Rwy 07. LOC only. LOC unmonitored.

WEST KINGSTON

RICHMOND (Ø8R) 3 W GMT–5(−4DT) N41°29.37′ W71°37.24′ **NEW YORK**
130 B S4 **FUEL** 100LL TPA—1130(1000) NOTAM FILE BDR
RWY 11–29: H2129X30 (ASPH) LIRL (NSTD)
RWY 11: Trees. **RWY 29:** TRCV (TRIL)–GA 5.5°. Thld dsplcd 130′. Tree.
AIRPORT REMARKS: Attended 1400–2200Z‡. Ultralights on and invof arpt. Deer and birds on and invof arpt. Rwy 11 CLOSED ngts. Rwy 11–29 +15′ trees 45′ N of centerline. +40′ drop–off 150′ from Rwy 29 end. +10′ drop–off 200′ from Rwy 11 end. Numerous perpendicular cracks and surface irregularities full length of rwy. Rwy 11–29 NSTD LIRL located 30′ from edge of pavement. Rotating bcn OTS indef. Rwy 29 dsplcd thld lgtd and marked with white bar and number. ACTIVATE LIRL Rwy 11–29 and windsock lgts—CTAF.
ACTIVATE LIRL Rwy 11–29 and windsock lgts.—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
COMM/NAV/WEATHER REMARKS: Clnc del thru Bridgeport RADIO (BDR) 1–866–293–5149.

BARRE–MONTPELIER

EDWARD F KNAPP STATE (MPV) 3 W UTC−5(−4DT) N44°12.21′ W72°33.74′ **MONTREAL**
1166 B S4 **FUEL** 100LL, JET A NOTAM FILE MPV **H–11D, 12K, L–32G**
RWY 17–35: H5002X100 (ASPH) S–31, D–70, ST–88 MIRL 1.5% up S **IAP**
RWY 17: MALSR. PAPI(P4L)–GA 3.0° TCH 50′. Trees.
RWY 35: REIL. Thld dsplcd 487′. Tree.
RWY 05–23: H4022X100 (ASPH) S–30, D–46 0.7% up SW
RWY 05: Thld dsplcd 516′. Tree. **RWY 23:** Trees.

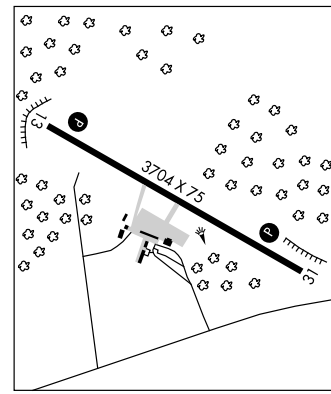


AIRPORT REMARKS: Attended 1300–2200Z‡. No snow removal on Rwy 05–23; rwy CLOSED when snow covered. Field condition report may not be avbl and/or current at ngt. Rwy conditions may not be monitored or reported when the arpt is unattended. Jet traffic do not use southern most twy stub. 150′ turn–arounds at both ends of Rwys 17 and 35. UNICOM base station not manned continuously. ACTIVATE MIRL Rwy 17–35 and MALSR Rwy 17—CTAF.
WEATHER DATA SOURCES: ASOS 132.675 (802) 229–2037.
COMMUNICATIONS: CTAF/UNICOM 122.8
MONTPELIER RCO 122.6 122.2 (BURLINGTON RADIO)
BOSTON CENTER APP/DEP CON 135.7
RADIO AIDS TO NAVIGATION: NOTAM FILE MPV. VHF/DF ctc FSS
MONTPELIER (L) VORW/DME 110.8 MPV Chan 45 N44°05.13′ W72°26.96′
341° 8.6 NM to fld. 2080/16W.
MOUNT MANSFIELD NDB (MHW) 268 VKN N44°23.20′ W72°41.61′ 167° 12.0 NM to fld.
NDB unusable 060°–200° beyond 19 NM.
ILS/DME 108.7 I–MPV Chan 24 Rwy 17. Class IA. DME unmonitored.

BASIN HARBOR (See VERGENNES)

BENNINGTON

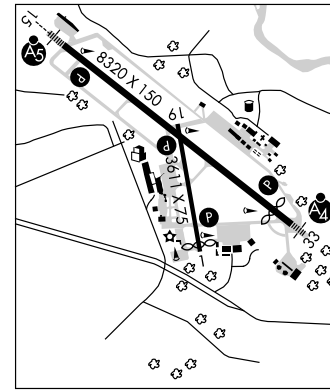
WILLIAM H. MORSE STATE (DDH) 3 W UTC−5(−4DT) N42°53.47′ W73°14.77′ **NEW YORK**
827 B S4 **FUEL** 100LL, JET A NOTAM FILE BTV **L–32G, 33B, 34J**
RWY 13–31: H3704X75 (ASPH) S–12.5 MIRL 0.9% up SE **IAP**
RWY 13: REIL. PAPI(P4L)—GA 4.0° TCH 45′. Hill.
RWY 31: REIL. PAPI(P4R)—GA 4.0° TCH 45′. Ground. Rgt tfc.



AIRPORT REMARKS: Attended Mon–Fri 1200–2200Z‡. Sat–Sun on call. For arpt attendance call 802–753–5212. Call 802–379–7175 or 802–753–5229 for on–call scvs only. 100LL self–svc avbl 24 hrs. Mountains all quadrants. Geese on and invof arpt. Rwy 13 thld hazardous bird activity. Rwy conditions may not be monitored or reported when the arpt is unattended. Noise abatement procedures in effect. Avoid overflying homes SE of arpt. Noise sensitive area apch end Rwy 31. Preferred use rwy is Rwy 13. If practical acft departing Rwy 13 use best climb rate and when above 400 ft AGL turn left within 1 mile of departure end of Rwy 13. Air traffic pattern ops prohibited south of Rwy 13 and Rwy 31. ACTIVATE MIRL Rwy 13–31 and REIL Rwy 13 and Rwy 31 and PAPI Rwy 13 and Rwy 31—CTAF.
WEATHER DATA SOURCES: ASOS 135.925
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ALBANY APP/DEP CON** 132.825
GCO 121.725 (BURLINGTON CLNC and FLIGHT SERVICES)
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
CAMBRIDGE (L) VORW/DME 115.0 CAM Chan 97 N42°59.66′ W73°20.64′ 159° 7.5 NM to fld. 1490/14W.
HIWAS.

BURLINGTON INTL (BTV) 3 E UTC−5(−4DT) N44°28.31′ W73°09.20′ **MONTREAL**
335 B S4 **FUEL** 100LL, JET A OX 1, 3 AOE Class I, ARFF Index B **H–11C, 12K, L–32G**
NOTAM FILE BTV **IAP, AD**

RWY 15–33: H8320X150 (ASPH–GRVD) S–100, D–175, ST–175, DT–355 HIRL
RWY 15: MALSR. PAPI(P4R)—GA 3.0° TCH 51′. Arrest Device. 0.6% up
RWY 33: MALSF. REIL. PAPI(P4R)—GA 3.2° TCH 53′. Trees. Thld dsplcd 500′. Arrest Device.
RWY 01–19: H3611X75 (ASPH) S–30, D–40, DT–60 MIRL
RWY 01: PAPI(P4R)—GA 3.5° TCH 40′. Thld dsplcd 225′. Tree.
RWY 19: PAPI(P4R)—GA 3.0° TCH 42′. Trees.



LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 01	15–33	2600
RWY 15	01–19	3750
RWY 33	01–19	2900

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01:	TORA–3611	TODA–3611	ASDA–3611	LDA–3386
RWY 15:	TORA–7820	TODA–7820	ASDA–7820	LDA–7820
RWY 19:	TORA–3611	TODA–3611	ASDA–3386	LDA–3386
RWY 33:	TORA–8320	TODA–8320	ASDA–8320	LDA–7820

AIRPORT REMARKS: Attended 1000–0300Z‡. No svc and no entry access at the FBO southwest of arpt 0300–1000Z‡ without PPR 802–657–3100. No svc and no entry access at the FBO south and center of arpt Mon–Fri 0300–1000Z‡, Sat and Sun 2330–1300Z‡ without PPR 802–863–3626. Fighter acft restricted to tkf window of Mon–Sat 1330–0330Z‡, Sun 1700–0330Z‡. CAUTION: generating plant 2 NM from apch end Rwy 15 produces steam which may obscure visibility on final apch. Birds and deer on and invof arpt. Air carrier ramp not avbl for private/charter aircraft. Mil ops when twr clsd, VFR acft strongly advised to ctc ZBW 15 min PPR 120.35 0500–1030Z‡ daily. Twy A clsd to acft with wingspan greater than 125′. Twy K clsd to acft over 68,200 lbs. NSTD twy lgts on Twy E. Primary twy for Mil non-fighter acft arrival/departure is E. C–5 acft will park on the Army Guard ramp off Twy C. Twy L clsd to acft over 60,000 lbs. Twys D, E, F and N clsd to civilian ops. Twys D, E, F, N ANG and Army Nationale Guard ramps have uncontrolled vehicle and acft. ARFF avbl scheduled air carrier 0600–1000; A–Gear Type H/BAK–12A(B) apch end Rwy 33 located 1000′ from dsplcd thld. Type H/BAK 12A(B) cable raised by twr on pilot req only. ACTIVATE PAPI Rwy 01, Rwy 15, Rwy 19 and Rwy 33, MALSR Rwy 15 and MALSF Rwy 33—CTAF. Fee for itinerant acft greater than 3000 lbs. Rwy 01–19 south of Rwy 15–33 intersection to Twy C; single wheel 100, dual tandem wheel 355; south of Twy C intersection to south end of rwy; single wheel 30, dual wheel 60. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (802) 658–8382. **HIWAS** 117.5 BTV.
COMMUNICATIONS: ATIS 123.8 **CTAF** 118.3 **UNICOM** 122.95
RCO 122.6 122.2 (BURLINGTON RADIO)
Ⓡ **APP/DEP CON** 121.1 (1030–0500Z‡)
Ⓡ **BOSTON CENTER APP/DEP CON** 120.35 (0500–1030Z‡)
TOWER 118.3 (1030–0500Z‡) **GND CON** 121.9
AIRSPACE: CLASS C svc 1030–0500Z‡ ctc **APP CON** other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
(L) VORW/DME 117.5 BTV Chan 122 N44°23.83′ W73°10.95′ 031° 4.7 NM to fld. 420/15W. **HIWAS.**
VOR unusable
075°–132° byd 30 NM blo 9000′
133°–165° byd 30 NM blo 8000′
DME unusable
075°–132° byd 30 NM blo 9000′
133°–165° byd 30 NM blo 8000′
HERRO NDB (LOM) 382 BT N44°31.93′ W73°14.97′ 146° 5.5 NM to fld. Unmonitored 0600–1000Z‡.
ILS/DME 110.3 I–BTV Chan 40 Rwy 15. Class IB. LOM HERRO NDB
ILS/DME 110.3 I–VOE Chan 40 Rwy 33. Localizer unusable byd 13 NM blo 4300′.

CALEDONIA CO (See LYNDONVILLE)

EDWARD F KNAPP STATE (See BARRE–MONTPELIER)

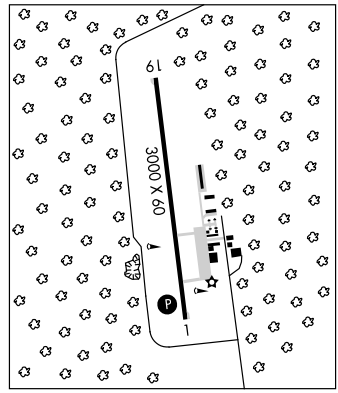
FRANKLIN CO STATE (See HIGHGATE)

HARTNESS STATE (SPRINGFIELD) (See SPRINGFIELD)

HERRO N44°31.93′ W73°14.97′ NOTAM FILE BTV.
NDB (LOM) 382 BT 146° 5.5 NM to Burlington Intl. Unmonitored 0600–1000Z‡.

HIGHGATE

FRANKLIN CO STATE (FSO) 3 W UTC−5(−4DT) N44°56.42′ W73°05.85′ **MONTREAL**
228 B S4 **FUEL** 100LL, JET A+ LRA NOTAM FILE BTV **L–32G**
RWY 01–19: H3000X60 (ASPH) S–12.5 MIRL **IAP**
RWY 01: REIL. PAPI(P2L)—GA 4.0° TCH 35′. Tree.
RWY 19: REIL. Tree.
AIRPORT REMARKS: Attended Nov–Mar 1330–2200Z‡, Apr–Oct 1230–2200Z‡. Fuel avbl 24 hrs self serve. Seagulls invof arpt. 20 ft antenna array 200 ft east of centerline Rwy 01. Military equipment may be near the rwy. Turf ldg area east side of Rwy 01–19, no simultaneous ops. Rwy conditions may not be monitored or reported when the arpt is unattended. ACTIVATE MIRL Rwy 01–19, PAPI Rwy 01 and REIL Rwy 01 and Rwy 19—CTAF.
WEATHER DATA SOURCES: AWOS–3 119.025 (802) 868–9941.
COMMUNICATIONS: CTAF/UNICOM 122.8
PLATTSBURGH RCO 122.1R 116.9T (BURLINGTON RADIO)
Ⓡ **BURLINGTON APP/DEP CON** 121.1 (EAST) 126.3 (WEST) (1030–0500Z‡)
GCO 121.725 (BURLINGTON CLNC and FLIGHT SERVICES)
Ⓡ **BOSTON CENTER APP/DEP CON** 120.35 (0500–1030Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE YUL.
ST JEAN (H) VORTAC 115.8 YJN Chan 105 N45°15.35′ W73°19.28′ 169° 21.2 NM to fld. 144/16W. YJN VORTAC is in Canada—check Montreal QB (YUL) NOTAMS for outages or restrictions.



ISLAND POND

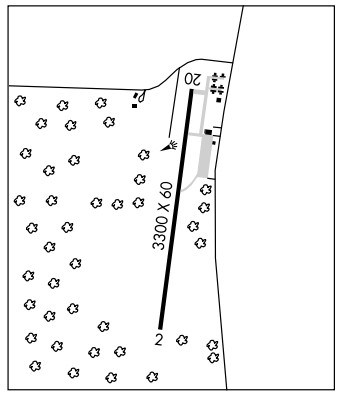
JOHN H BOYLAN STATE (ISLAND POND) (5B1) 3 SE UTC−5(−4DT) N44°47.49′ W71°49.31′ **MONTREAL**
1194 NOTAM FILE BTV
RWY 14–32: 2650X120 (TURF)
RWY 14: Trees. **RWY 32:** Trees.
AIRPORT REMARKS: Unattended. Ski operations only in winter. Rwy 14–32 thlds marked with yellow cones.
COMMUNICATIONS: CTAF 122.9

JOHN H BOYLAN STATE (ISLAND POND) (See ISLAND POND)

LYNDONVILLE N44°30.25′ W72°01.76′ NOTAM FILE BTV. **MONTREAL**
NDB (MHW) 353 LLX 023°3.9 NM to Caledonia Co. Unmonitored. Unusable 260°–275°; 276°–259° byd 15 NM. **L–32H**

LYNDONVILLE

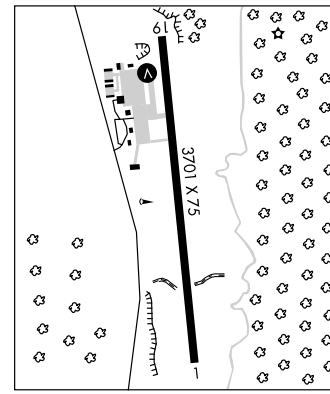
CALEDONIA CO (CDA) 3 N UTC−5(−4DT) N44°34.15′ W72°01.08′ **MONTREAL**
1188 **FUEL** 100LL TPA—2199(1012) NOTAM FILE BTV **L–32H**
RWY 02–20: H3300X60 (ASPH) S–12.5 LIRL (NSTD) 0.3% up N **IAP**
RWY 02: REIL. Trees. **RWY 20:** Trees.
AIRPORT REMARKS: Attended Tues–Fri 1400–2000Z‡, Sat–Sun 1400–2200Z‡. Rwy conditions may not be monitored or reported when the arpt is unattended. Rwy 02–20 NSTD LIRL due to amber/clear globes. For maintenance call 802–334–5001. Bring own tiedowns. ACTIVATE REIL Rwy 02 and NSTD LIRL Rwy 02–20—CTAF.
WEATHER DATA SOURCES: AWOS–3 119.275 (802) 626–4532.
COMMUNICATIONS: CTAF/UNICOM 122.8
BOSTON CENTER APP/DEP CON 135.7
GCO 121.725 (BURLINGTON CLNC and FLIGHT SERVICES)
RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.
MONTPELIER (L) VORW/DME 110.8 MPV Chan 45 N44°05.13′ W72°26.96′ 048° 34.5 NM to fld. 2080/16W.
LYNDONVILLE NDB (MHW) 353 LLX N44°30.25′ W72°01.76′ 023° 3.9 NM to fld. NOTAM FILE BTV. Unmonitored. Unusable 260°–275°; 276°–259° byd 15 NM.



MIDDLEBURY STATE (6BØ) 3 SE UTC−5(−4DT) N43°59.09′ W73°05.76′ **NEW YORK**
490 S4 **FUEL** 100LL TPA—See Remarks NOTAM FILE BTV
RWY 01–19: H2500X50 (ASPH) S–12.5
RWY 01: Trees. **RWY 19:** Trees. Rgt tfc.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Self-svc fuel with credit card. High hills east of arpt. No line of sight between rwy ends. Rwy conditions may not be monitored or reported when the arpt is unattended. TPA—1300 (810); multi-engine TPA 1500 (1010). Ultralight and agricultural acft activity on and invof arpt. Rwy 01–19 has hanger and several acft tie downs located in twy safety area and obstruction free zone; pilots should carefully monitor wing tip clearances and use caution while taxiing acft.
COMMUNICATIONS: CTAF/UNICOM 122.8

MONTPELIER N44°05.13′ W72°26.96′ NOTAM FILE MPV. **MONTREAL**
(L) VORW/DME 110.8 MPV Chan 45 341° 8.6 NM to Edward F Knapp State. 2080/16W. **L–32G**
RCO 122.6 122.2 (BURLINGTON RADIO)

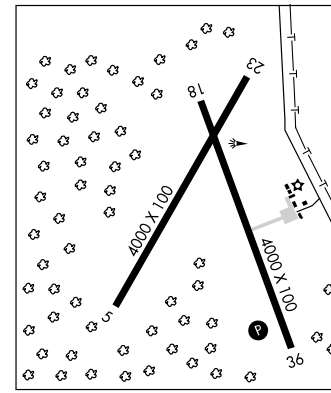
MORRISVILLE–STOWE STATE (MVL) 2 SW UTC−5(−4DT) N44°32.08′ W72°36.84′ **MONTREAL**
732 B S4 **FUEL** 100LL, JET A NOTAM FILE MVL **L–32G**
RWY 01–19: H3701X75 (ASPH) S–25 MIRL 0.5% up N **IAP**
RWY 01: REIL. Trees.
RWY 19: REIL. VASI (V2R)—GA 3.5°. Trees.
AIRPORT REMARKS: Attended 1200–2300Z‡. For fuel and svcs after hours and info call 802–888–7845. Rwy conditions may not be monitored or reported when the arpt is unattended. Glider ops dalgt hours May–Oct. Acft ldg off pavement will be at own risk/liability. ACTIVATE MIRL Rwy 01–19; REIL Rwys 01 and 19; VASI Rwy 19—CTAF.
WEATHER DATA SOURCES: ASOS 135.625 (802) 888–7934.
COMMUNICATIONS: CTAF/UNICOM 122.8
BOSTON CENTER APP/DEP CON 135.7
GCO 135.075 (BURLINGTON CLNC and FLIGHT SERVICES)
RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.
BURLINGTON (L) VORW/DME 117.5 BTV Chan 122 N44°23.83′ W73°10.95′ 086° 25.8 NM to fld. 420/15W. **HIWAS.**
NDB (MHW) 375 JRV N44°34.72′ W72°35.24′ 219° 2.9 NM to fld. NDB unmonitored.



MOUNT MANSFIELD N44°23.20′ W72°41.61′ NOTAM FILE MPV. **MONTREAL**
NDB (MHW) 268 VKN 167° 12.0 NM to Edward F Knapp State. Unusable 060°–200° byd 19 NM. **L–32G**

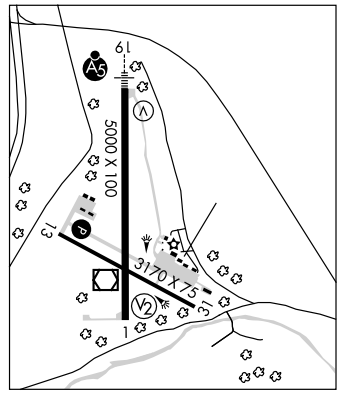
MOUNT SNOW (See WEST DOVER)

NEWPORT STATE (EFK) 3 SW UTC−5(−4DT) N44°53.33′ W72°13.75′ **MONTREAL**
930 B S3 **FUEL** 100LL, JET A LRA NOTAM FILE BTV **L–32H**
RWY 05–23: H4000X100 (ASPH) S–30 D–44 **IAP**
RWY 05: Trees. **RWY 23:** Tree.
RWY 18–36: H4000X100 (ASPH) S–30, D–44 MIRL 0.3% up N
RWY 18: Tree. **RWY 36:** REIL. PAPI(P2L)—GA 4.0° TCH 69′. Trees.
AIRPORT REMARKS: Attended 1300–2200Z‡. Self serve fuel avbl 24 hrs. For full maintenance shop and taxicab call 802–334–3100. Rwy 05–23 CLOSED winter months. Rwy conditions may not be monitored or reported when the arpt is unattended. Gulls on and in vicinity of arpt. ACTIVATE MIRL Rwy 18–36, PAPI Rwy 36—CTAF.
WEATHER DATA SOURCES: AWOS–3 118.275 (802) 334–4427.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.5 (BURLINGTON RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE BML.
BERLIN (T) VORW/DME 110.4 BML Chan 41 N44°38.01′ W71°11.17′ 306° 47.2 NM to fld. 1730/17W. **HIWAS.**



POST MILLS (2B9) 0 E UTC−5(−4DT) N43°53.05′ W72°15.22′ **NEW YORK**
693 S2 NOTAM FILE BTV
RWY 04–22: 2900X80 (TURF)
RWY 04: Tree. Rgt tfc. **RWY 22:** Tree.
RWY 05–23: 2300X80 (TURF)
RWY 05: Tree. Rgt tfc. **RWY 23:** Road.
AIRPORT REMARKS: Attended irregularly. Ultralights; gliders and hot air balloons on and invof arpt. Trees 400′ from end of Rwys 22 and 23. No snow removal. Arpt open to ski acft only when snow covered. Call 802–333–9254 for info. Propane avbl for hot air balloons.
COMMUNICATIONS: CTAF/UNICOM 122.8

RUTLAND–SOUTHERN VERMONT RGNL (RUT) 5 S UTC−5(−4DT) N43°31.80′ W72°56.98′ **NEW YORK**
787 B S4 **FUEL** 100LL, JET A TPA—1787(1000) Class IV, ARFF Index A **H–11D, 12K, L–32G**
NOTAM FILE RUT **IAP**



RWY 01–19: H5000X100 (ASPH–GRVD) S–40, D–68, ST–86 MIRL
RWY 01: PVASI(PSIR)—GA 3.5°. Hill.
RWY 19: MALSR. REIL. VASI(V4L)—GA 3.5° TCH 50′. Rgt tfc.
RWY 13–31: H3170X75 (ASPH) S–30 MIRL
RWY 13: REIL. PAPI(P2L)—GA 3.75° TCH 34′. Road.
RWY 31: Trees.
RUNWAY DECLARED DISTANCE INFORMATION:
RWY 01: TORA–5000 TODA–5000 ASDA–5000 LDA–5000
RWY 19: TORA–5000 TODA–5000 ASDA–5000 LDA–5000
AIRPORT REMARKS: Attended 1300–0100Z‡. For after hrs svc call 802–773–3348. Rwy conditions may not be monitored or reported when the arpt is unattended. Birds on and invof arpt. Acft with wing spans exceeding 79′ authorized to use Twy A and Twy B east of Rwy 01–19, and Rwy 13–31 for taxiing, and Rwys 01 and 19 for tkf and ldg. 150′ turnarounds at ends of Rwys 01 and 19. Noise sensitive area southeast of arpt ctc arpt manager. Type I and type IV deicing avbl. ACTIVATE MIRL Rwys 01–19 and 13–31; MALSR Rwy 19, and REILS Rwys 13 and 19; PAPI Rwy 13—CTAF. Low ints lighting not avbl dawn–dusk. Ldg/parking fees may apply for non–based acft.
WEATHER DATA SOURCES: AWOS–3 118.375 (802) 747–3044.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.3 (BURLINGTON RADIO)
BOSTON CENTER APP/DEP CON 135.7
RADIO AIDS TO NAVIGATION: NOTAM FILE RUT.
(T) VORW/DME 111.0 RUT Chan 47 N43°31.60′ W72°57.04′ at fld. 781/15W.
VOR/DME unusable:
024°–116°
117°–191° byd 15 NM blo 8000′
230°–310 byd 15 NM blo 8000′
ILS/DME 111.7 I–RUT Chan 54 Rwy 19. LOC only. Unmonitored.

SHELBURNE (VT8) 2 S UTC−5(−4DT) N44°21.64′ W73°14.51′ **MONTREAL**
325 S4 **FUEL** MOGAS NOTAM FILE BTV
RWY 01–19: 2250X60 (TURF)
RWY 01: Trees. **RWY 19:** Trees.
AIRPORT REMARKS: Attended daylight hours. No line of sight between rwy ends. Call arpt manager 802–985–2100 in advance for rwy conditions.
COMMUNICATIONS: CTAF/UNICOM 122.8

SMUTO N43°42.38′ W72°57.43′ NOTAM FILE RUT. **NEW YORK**
NDB (MHW) 221 DYO 193° 10.6 NM to Rutland State. Unusable 351°–189° byd 15 NM. **L–32G**

SPRINGFIELD N43°16.20′ W72°35.18′ NOTAM FILE VSF. **NEW YORK**
NDB (MHW) 265 SXD 048° 5.0 NM to Hartness State (Springfield). NDB unmonitored. **L–32G**
RCO 122.5 (BURLINGTON RADIO)

SPRINGFIELD

HARTNESS STATE (SPRINGFIELD) (VSF) 3 NW UTC−5(−4DT) N43°20.62′ W72°31.04′ **NEW YORK**
577 B S4 **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE VSF **H–11D, 12K, L–32G**
RWY 05–23: H5498X100 (ASPH) S–32, D–45 MIRL 0.3% up SW **IAP**
RWY 05: REIL. VASI(V4L)—GA 4.0°TCH 59′. Trees.
RWY 23: Trees.
RWY 11–29: H3000X75 (ASPH) S–30 MIRL 0.3% up W
RWY 11: Trees. **RWY 29:** Tree.
AIRPORT REMARKS: Attended Jun–Sep 1300–0000Z‡ Oct–May 1300–2200Z‡. Geese on and invof arpt. Gliders on and in vicinity of arpt. Rwy conditions may not be monitored or reported when the arpt is unattended. Noise sensitive area west of arpt. Rwy 23 is preferred for day, VFR, no wind conditions. TPA—1600(1023), multi–engine 2100(1523). Maintain recommended TPA on downwind leg for Rwy 05. Apron and Twys A and B pavement capacity is S–46, D–62.
WEATHER DATA SOURCES: ASOS 121.425 (802) 886–6006.
COMMUNICATIONS: CTAF/UNICOM 122.8
SPRINGFIELD RCO 122.5 (BURLINGTON RADIO)
Ⓡ **BOSTON CENTER APP/DEP CON** 134.7
RADIO AIDS TO NAVIGATION: NOTAM FILE LEB.
LEBANON (L) VOR/DME 113.7 LEB Chan 84 N43°40.73′ W72°12.96′ 228° 24 NM to fld. 1460/15W.
SPRINGFIELD NDB (MHW) 265 SXD N43°16.20′ W72°35.18′ 048° 5.0 NM to fld. NOTAM FILE VSF. NDB unmonitored.
ILS/DME 111.3 I–VSF Chan 50 Rwy 05. LOC only. LOC/DME unmonitored. DME unusable byd 11 NM blo 3500′.



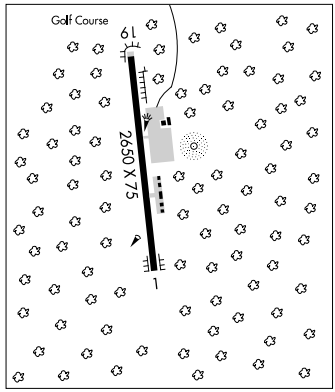
VERGENNES

BASIN HARBOR (BØ6) 4 NW UTC−5(−4DT) N44°11.75′ W73°20.98′ **MONTREAL**
132 NOTAM FILE BTV
RWY 02–20: 3000X90 (TURF)
RWY 02: Trees. **RWY 20:** Trees.
AIRPORT REMARKS: Attended May 15–Oct 15 SR–SS. Arpt CLOSED from late Fall to early Spring—ctc arpt manager 802–475–2311. Gliders on and invof arpt. Rwy 02–20 outlined with orange barrels. Rwy surface soft after heavy rain.
COMMUNICATIONS: CTAF/UNICOM 122.8

WARREN–SUGARBUSH (ØB7) 2 E UTC−5(−4DT) N44°07.00′ W72°49.62′ **MONTREAL**
1470 **FUEL** 100LL NOTAM FILE BTV
RWY 04–22: H2575X30 (ASPH) S–8.5
RWY 04: Tree. Rgt tfc. **RWY 22:** Tree.
AIRPORT REMARKS: Attended May–Oct 1400–2300Z‡. Arpt CLOSED Nov–Apr. Fuel self serve. Extensive glider activity on arpt surface to 18,000′ dalgt hrs. Occasional aerobatic activity; arpt may be CLOSED during this activity; check NOTAMs. No line of sight between rwy ends. Touch and go ldgs not permitted. Grass areas not authorized for tkfs and ldgs without first checking UNICOM for fld conditions.
COMMUNICATIONS: CTAF/UNICOM 123.0

WEST DOVER

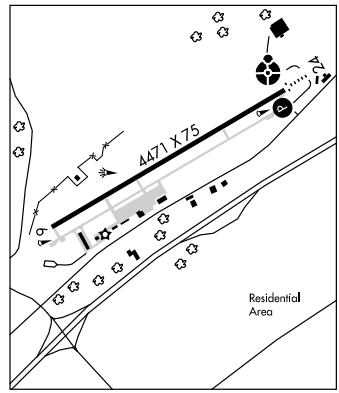
MOUNT SNOW (4V8) 1 SW UTC−5(−4DT) N42°55.63′ W72°51.94′ **NEW YORK**
1953 **FUEL** 100LL NOTAM FILE BTV **L–32G, 33C**
RWY 01–19: H2650X75 (ASPH) LIRL (NSTD) **IAP**
RWY 01: Trees. **RWY 19:** Trees.
AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs with credit card. No line of sight between rwy ends. Old X markings denoting clsd rwy showing through asph coating. Rwy 01–19 pavement has blocking, traverse cracking, rutting and loose rocks on rwy. Primary surface area cluttered with trees. Transitional areas cluttered with trees. Arpt lgts opr dusk–0700Z‡. Rwy 01–19 NSTD lateral LIRL, all thld lgts missing. Ldg fee.
COMMUNICATIONS: CTAF/UNICOM 122.8
BOSTON CENTER APP/DEP CON 123.75
RADIO AIDS TO NAVIGATION: NOTAM FILE EEN.
KEENE (L) VORTAC 109.4 EEN Chan 31 N42°47.66′ W72°17.51′ 302° 26.6 NM to fld. 1380/14W.
NDB (MHW) 224 VWD N42°55.65′ W72°51.84′ at fld. NOTAM FILE BTV. NDB unusable byd 15 NM.



WILLIAM H. MORSE STATE See BENNINGTON

ABINGDON

VIRGINIA HIGHLANDS (VJI) 2 W UTC−5(−4DT) N36°41.23′ W82°02.00′ CINCINNATI
2087 B **FUEL** 100LL, JET A TPA—3077 (990) NOTAM FILE VJI L–26I
RWY 06–24: H4471X75 (ASPH) S–12.5 MIRL 0.6% up NE IAP
RWY 06: Brush. **RWY 24:** ODALS. REIL. PAPI(P2L). Tree.
AIRPORT REMARKS: Attended Dec–Mar 1200–0000Z‡, Sat–Sun 1200–2200Z‡, Apr–Nov 1200–0200Z‡. For fuel after hrs call 276–628–6030/623–8686. Wildlife on and invof arpt. Ultralights on and in vicinity of arpt. MIRL Rwy 06–24 preset low ints. ACTIVATE higher ints, PAPI Rwy 24, ODALS Rwy 24 and REIL Rwy 24—CTAF.
WEATHER DATA SOURCES: AWOS–3 128.125 (276) 628–2940. Ceiling unreliable indef. Visibility unreliable indef.
COMMUNICATIONS: CTAF/UNICOM 122.8
HOLSTON MOUNTAIN, TN RCO 122.1R 114.6T (NASHVILLE RADIO)
Ⓡ **TRI CITY APP/DEP CON** 128.67 (1100–0500Z‡)
Ⓡ **ATLANTA CENTER APP/DEP CON** 127.85 (0500–1100Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE BNA.
HOLSTON MOUNTAIN (L) VORTAC 114.6 HMV Chan 93 N36°26.22′ W82°07.78′ 021° 15.7 NM to fld. 4321/04W.
WHINE NDB (MHW/LOM) 236 VJ N36°44.02′ W81°56.94′ 241° 4.9 NM to fld. NOTAM FILE VJI. Unmonitored when arpt unattended. Unusable byd 15 NM.
ILS/DME 108.3 I–VJI Chan 20 Rwy 24. LOC only. LOM WHINE NDB. LOC/DME unmonitored when arpt unattended. LOC unusable byd 30° right of course.



ACCOMACK CO (See MELFA)

ALLEN C. PERKINSON/BAAF (See BLACKSTONE)

A P HILL AAF (FORT A P HILL) (APH)(KAPH) A UTC−5(−4DT) N38°04.13′ W77°19.10′ WASHINGTON
220 TPA–See Remarks NOTAM FILE DCA Not insp. L–34E, 36H
RWY 05–23: 2201X100 (TURF)
RWY 23: Rgt tfc.
MILITARY SERVICE: FUEL J8 Avbl 1300–2130Z‡ with 24 hr PPR DSN 578–8224/8374, C804–633–8224/8374 Dial 8360 from fld phone if Petrol, Oils and Lubricants truck not at fld.
AIRPORT REMARKS: Attended Mon–Fri 1300–2100Z‡, excluding holidays, other times on req. **RSTD** 24 hr PPR all acft. Use of airfld by fixed wing acft emerg only. Rwy 11–29 CLOSED to Arr/Dep traffic. **CAUTION** Range impact area R–6601 located 600 meters SE of rwy. **TFC PAT** TPA–900(680) **MISC** 40X40 conc pad SE of rwy at midfld. Flight plans open/clsd by phone Leesburg FSS, dial 9–1–800–468–6621. Phone avbl under shelter adjacent to twr. Attended/advisory service from range control Mon-Fri. HILL RDO CTAF 241.0 FM 38.5 A/G use.
COMMUNICATIONS: CTAF 126.2
Ⓡ **POTOMAC APP/DEP CON** 134.7 307.2
RANGE CONTROL 38.5
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
NDB (MHW) 396 APH N38°05.27′, W77°19.50′ 173° 1.1 NM to fld. Unmonitored 2130–1300Z‡.

APPOLLO SOUCEK FLD (See OCEANA)

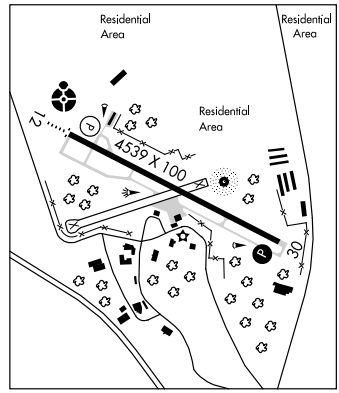
ARMEL N38°56.08′ W77°28.00′ NOTAM FILE IAD. WASHINGTON
(L) VORTAC 113.5 AML Chan 82 at Washington Dulles Intl. 297/08W. COPTER
VOR portion unusable: H–10H, L–29E, 34E, 36I, A
210°–250° all distances and altitudes.
320°–355° byd 15 NM blo 4000′.
DME unusable byd 35 NM blo 2500′.
RCO 122.1R 113.5T (LEESBURG RADIO)

AZALEA PARK N38°00.61′ W78°31.09′ NOTAM FILE CHO. WASHINGTON
NDB (MHW) 336 AZS 030° 8.3 NM to Charlottesville–Albemarle. L–26K, 36H
NDB unmonitored when twr clsd.

BALES N36°35.39′ W79°55.04′ NOTAM FILE MTV. CINCINNATI
NDB (MHW/LOM) 396 UV 304° 5.5 NM to Blue Ridge. Unmonitored when arpt unattended. L–26J, 36F

BLACKSBURG

VIRGINIA TECH/MONTGOMERY EXECUTIVE (BCB) 3 S UTC−5(−4DT) N37°12.46′ W80°24.47′ **CINCINNATI**
2132 B S4 **FUEL** 100LL, JET A TPA–See Remarks NOTAM FILE BCB **L–26J**
RWY 12–30: H4539X100 (ASPH) MIRL 0.4% up SE **IAP**
RWY 12: ODALS. PAPI(P4L)—GA 3.0° TCH 40′. Road.
RWY 30: REIL. PAPI(P2L)—GA 3.75°. Brush.
AIRPORT REMARKS: Attended Apr–Oct 1300–2300Z‡, Nov–Mar 1300–0000Z‡. PPR for fuel when arpt unattended; phone 540–231–4444. Occasional wildlife on arpt. Noise sensitive area north of arpt. VFR departures maintain rwy heading until reaching 1000 ft AGL. NSTD marking prior to thld Rwy 30. Marking should be for twy inline with rwy. MIRL Rwy 12–30 preset low ints, ACTIVATE higher ints, ODALS Rwy 12, PAPI Rwy 30 and REIL Rwy 30—CTAF. TPA 3132(1000) for non turbine powered acft, 3632(1500) turbine powered acft.

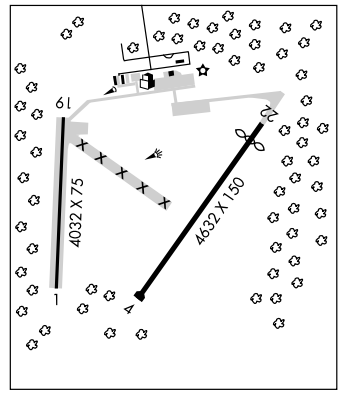


WEATHER DATA SOURCES: AWOS–3 133.325 (540) 231–4837.
COMMUNICATIONS: CTAF/UNICOM 123.05
ROANOKE APP/DEP CON 126.9 **ROANOKE CLNC DEL** 124.85
RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.
PULASKI (H) VORTAC 116.8 PSK Chan 115 N37°05.26′ W80°42.77′ 070° 16.3 NM to fld. 2120/06W. **HIWAS.**
TECH NDB (MHW) 368 TEC N37°12.52′ W80°24.21′ at fld. NOTAM FILE BCB.
ILS/DME 109.1 I–BCB Chan 28 Rwy 12. (LOC only). LOC/DME unmonitored when arpt unattended.

BLACKSTONE N37°07.65′ W78°02.67′ NOTAM FILE DCA **WASHINGTON**
NDB (MHW) 326 BKT 135° 5.5 NM to Allen C Perkinson/BAAF. **L–36H**

BLACKSTONE

ALLEN C. PERKINSON BLACKSTONE AAF (FORT PICKETT) (BKT) 2 E UTC−5(−4DT) **WASHINGTON**
N37°04.46′ W77°57.44′ **L–36H**
439 B **FUEL** 100LL, JET A NOTAM FILE DCA **IAP, DIAP, AD**
RWY 04–22: H4632X150 (CONC) PCN 64 R/C/W/T MIRL 0.8% up NE
RWY 04: Tree. **RWY 22:** Thld dsplcd 700′. Tree.
RWY 01–19: H4032X75 (ASPH–CON) PCN 1 R/D/W/T
RWY 01: Tree. **RWY 19:** Tree. Rgt tfc.

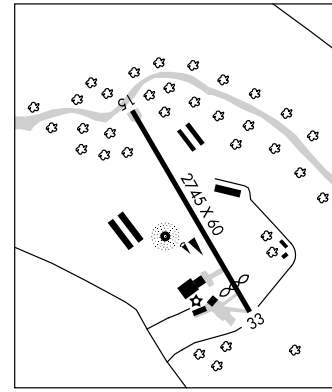


MILITARY SERVICE: FUEL A+, J8 (Mil) (NC–100LL, A) (Town of Blackstone, Opr Mon–Fri 1300–2200Z‡, C434–292–7251, other times C434–645–4824 or C434–292–7558.)
AIRPORT REMARKS: Attended Mon–Fri 1700–0130Z‡. Clsd federal holidays. Parachute Jumping. Ldg Rwy 01 and tkf Rwy 19 not authorized. Rwy 01–19 pavement cracked, spalling, and has foreign object damage entire length. Used by state police for vehicle defensive driving at various times requiring temporary closure of rwy. Avoid flight over ammunition supply point. Jet and military training within 20 NM radius. Extensive C130 tfc and frequent parachute drops. C–130 and C–17 PPR for ldg Rwy 04–22 call 434–292–2193. When twr clsd ACTIVATE MIRL Rwy 04–22—CTAF. Rwy 22 has 700 ft relocated thld.
MILITARY REMARKS: Military acft ctc RANGE OPS. **RSTD** 24 hr PPR DSN 438–2193 for ldg at post helipads. Military opr call C434–292–2193/2116. Rwy 04–22 PPR and rwy condition call C434–292–2193. **MISC** Crash/Rescue svc DSN 438–2193/2217.
COMMUNICATIONS: CTAF/UNICOM 122.95
Ⓡ **WASHINGTON CENTER APP/DEP CON** 118.75 377.1
BLACKSTONE TOWER 38.3 126.2 241.0 Opr Mon–Fri 1200–2030Z‡ except federal holidays. Other times by NOTAM.
RANGE OPS 38.3 41.05
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
LAWRENCEVILLE (L) VORTAC 112.9 LVL Chan 76 N36°49.08′ W77°54.18′ 358° 15.6 NM to fld. 350/08W.
BLACKSTONE NDB (MHW) 326 BKT N37°07.65′ W78°02.67′ 126° 5.5 NM to fld.

BLUE RIDGE (See MARTINSVILLE)

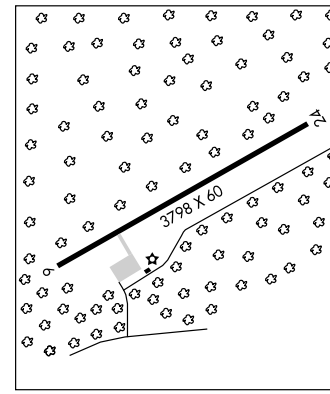
BOJAR N37°15.75′ W 79°14.60′ NOTAM FILE LYH. CINCINNATI
NDB (MHW/LOM) 385 LY 036° 4.4 NM to Lynchburg Rgnl–Preston Glenn Fld. L–26J, 36G
NDB unmonitored when tower clsd.

BRIDGEWATER AIR PARK (VBW) 1 NW UTC−5(−4DT) N38°22.00′ W78°57.62′ WASHINGTON
1165 B **FUEL** 100LL, JET A NOTAM FILE DCA L–26J
RWY 15–33: H2745X60 (ASPH) S–22 MIRL 0.3% up SE IAP
RWY 15: Tree. **RWY 33:** Thld dsplcd 368′. Pole.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡, Sat 1400–2100Z‡, and Sun 1700–2100Z‡. ACTIVATE MIRL Rwy 15–33—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **POTOMAC APP/DEP CON** 132.85
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
MONTEBELLO (L) VOR/DME 115.3 MOL Chan 100 N37°54.03′ W79°06.41′ 019° 28.8 NM to fld. 3460/05W.
NDB (MHW) 241 VBW N38°21.94′ W78°57.67′ at fld.
Unmonitored when arpt unattended. Unusable 225°–235° byd 21 NM.



BROOKE N38°20.18′ W77°21.18′ NOTAM FILE DCA. WASHINGTON
(L) VORTAC 114.5 BRV Chan 92 237°6.2 NM to Shannon. 145/09W. H–10H, L–29E, 34E, 36I, A
VOR portion unusable:
077°–083°
084° byd 16 NM
084° blo 9000′
085°–089° byd 16 NM
090°–140° byd 10 NM blo 3000′
341°–006° byd 10 NM blo 5500′
341°–006° byd 30 NM blo 8500′
341°–006° byd 36 NM
341°–006° blo 2500′
DME portion unusable byd 35 NM blo 3500′
VORTAC unusable:
141°–308° byd 10 NM blo 3000′
141°–308° byd 24 NM blo 6000′
RCO 122.1R 114.5T (LEESBURG RADIO)

BROOKNEAL/CAMPBELL CO (ØV4) 06 NW UTC−5(−4DT) N37°08.50′ W79°00.98′ CINCINNATI
596 B NOTAM FILE DCA L–26K, 36G
RWY 06–24: H3798X60 (ASPH) S–12.5 MIRL IAP
RWY 06: Tree. **RWY 24:** Tree.
AIRPORT REMARKS: Unattended. Ultralight activity on and invof arpt. MIRL Rwy 06–24 preset low, ACTIVATE higher ints—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **ROANOKE APP/DEP CON** 125.47 (East of LYH VORTAC) 135.0 (West of LYH VORTAC)
RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.
LYNCHBURG (L) VORTAC 109.2 LYH Chan 29 N37°15.28′ W79°14.19′ 128° 12.5 NM to fld. 880/05W. **HIWAS.**



BUCK'S ELBOW MOUNTAIN N38°06.25′ W78°44.62′ WASHINGTON
RCO 122.65 122.2 (LEESBURG RADIO) L–26K, 36H

BUMPASS

LAKE ANNA (7W4) 0 NW UTC−5(−4DT) N37°57.94′ W77°44.75′ **WASHINGTON**
355 B NOTAM FILE DCA
RWY 08–26: H2560X25 (ASPH) S–6 LIRL (NSTD)
RWY 08: Trees. **RWY 26:** Trees.
AIRPORT REMARKS: Unattended. No students.
COMMUNICATIONS: CTAF 122.9

CAMPBELL FLD (See WEIRWOOD)

CAMP PEARY LNDG STRIP (W94) A 3 NE UTC−5(−4DT) N37°18.77′ W76°38.29′ **WASHINGTON**
41 NOTAM FILE DCA Not Insp **H–10I, 12H, L–34E, 36H**
RWY 05–23: H5018X51 (ASPH) **IAP**
MILITARY REMARKS: Attended Mon–Fri 1300–2130Z‡‡. Field rstd, PPR by written req to Base Commander, Attn: Air OPS. Exc when opr under prior permission auth, pilots should maintain at least 3000′ abv the arpt elevation within 5 NM.
COMMUNICATIONS:
Ⓡ **NORFOLK APP/DEP CON** 125.7 335.625
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HARCUM (L) VORTAC 108.8 HCM Chan 25 N37°26.92′ W76°42.68′ 164° 8.9 NM to fld. 10/07W.

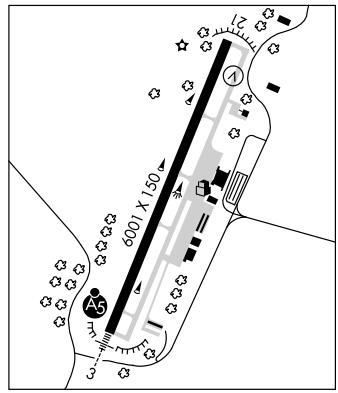
CAPE CHARLES N37°20.85′ W75°59.86′ NOTAM FILE DCA. **WASHINGTON**
(L) VORTAC 112.2 CCV Chan 59 042° 21.2 NM to Accomack Co. 10/10W. **H–10I, 12H, L–35D, 36I**
VOR portion unusable:
137°–322° byd 17 NM blo 2000′ 137°–322° byd 22 NM blo 3000′
RCO 122.1R 112.2T (LEESBURG RADIO)

CASANOVA N38°38.47′ W77°51.93′ NOTAM FILE DCA. **WASHINGTON**
(H) VORTAC 116.3 CSN Chan 110 184° 6.9 NM to Culpeper Rgnl. 439/06W. **H–10H, L–29D, 34E, 36I, A**
VORTAC unusable 310°–350° byd 10 NM blo 11000′.
RCO 122.1R 116.3T (LEESBURG RADIO)

CAVERNS N38°41.97′ W78°28.30′ NOTAM FILE DCA. **WASHINGTON**
NDB (MHW) 245 LUA 224° 2.4 NM to Luray Caverns. Unmonitored when arpt unattended. **L–29G**
Unusable 209°–049° byd 15 NM; 050°–208° byd 10 NM.

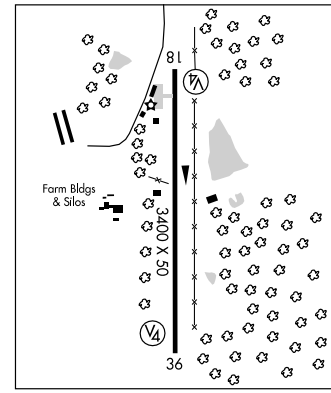
CHAMBERS FLD (See NORFOLK NS)

CHARLOTTESVILLE–ALBEMARLE (CHO) 7 N UTC−5(−4DT) N38°08.32′ W78°27.17′ **WASHINGTON**
639 B S4 **FUEL** 100LL, JET A Class I, ARFF Index B NOTAM FILE CHO **H–10H, 12H, L–26K, 36H**
RWY 03–21: H6001X150 (ASPH–GRVD) S–100, D–160, ST–175, DT–300 HIRL 0.3% up SW **IAP, AD**
RWY 03: MALSR.
RWY 21: REIL. VASI(V4L)—GA 3.0°TCH 50′.
AIRPORT REMARKS: Attended 1100–0400Z‡. Deer and birds on and invof arpt. PPR 8 hrs for unscheduled air carrier ops with more than 9 passenger seats between 0400–1100Z‡, call arpt manager 434–981–4152. When twr clsd HIRL Rwy 03–21 and twy lgts preset low ints and REIL Rwy 21 unavbl. To increase ints HIRL Rwy 03–21 and twy lgts and ACTIVATE MALSR Rwy 03—CTAF. VASI Rwy 21 not monitored. REIL not monitored. Landing fee only for acft over 7000 lbs. Wheeled helicopters are requested to ground taxi when transiting arpt.



WEATHER DATA SOURCES: ASOS 118.425 (434) 973–5024. ASOS wind unreliable.
COMMUNICATIONS: CTAF 124.5 **ATIS** 118.425 **UNICOM** 122.95
CHARLOTTESVILLE RCO 122.65 122.2 (LEESBURG RADIO)
Ⓡ **POTOMAC APP/DEP CON** 132.85
TOWER 124.5 (1100–0400Z‡) **GND CON** 121.9
AIRSPACE: CLASS D svc 1100–0400Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
GORDONSVILLE (H) VORTAC 115.6 GVE Chan 103 N38°00.82′ W78°09.18′ 304° 16.1 NM to fld. 382/06W.
HIWAS.
AZALEA PARK NDB (MHW) 336 AZS N38°00.61′ W78°31.09′ 030° 8.3 NM to fld. NOTAM FILE CHO.
NDB unmonitored when twr clsd.
ILS/DME 111.7 I–CHO Chan 54 Rwy 03. Class IA. LOC/GS unmonitored when twr closed.

CHASE CITY MUNI (CXE) 2 W UTC−5(−4DT) N36°47.30′ W78°30.09′ WASHINGTON
503 B TPA 1303 (800) NOTAM FILE DCA L–36G
RWY 18–36: H3400X50 (ASPH) S–12.5 LIRL 0.5% up N IAP
RWY 18: TRCV(TRIL). Road. **RWY 36:** TRCV(TRIL). Tree.
AIRPORT REMARKS: Unattended. Deer on and invof arpt. Rwy 18 TRCV OTS indef. Rwy 36 TRCV OTS indef.
COMMUNICATIONS: CTAF 122.9
Ⓡ **WASHINGTON CENTER APP/DEP CON** 118.75
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
SOUTH BOSTON (L) VORTAC 110.4 SBV Chan 41 N36°40.50′ W79°00.87′ 079° 25.7 NM to fld. 530/05W.



CHESAPEAKE RGNL (See NORFOLK)

CHESI N36°35.99′ W76°22.91′ NOTAM FILE ORF. WASHINGTON
NDB (MHW/LOM) 233 EY 046° 4.9 NM to Chesapeake Rgnl. L–35D

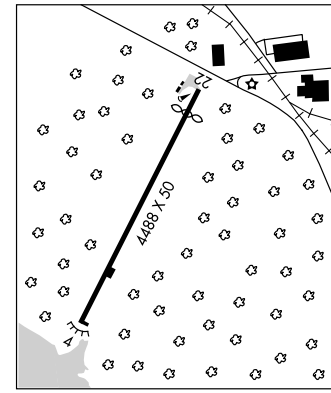
CHESTER

MC LAUGHLIN (2G6) 6 E UTC−5(−4DT) N37°19.23′ W77°20.75′ WASHINGTON
7 NOTAM FILE DCA Not insp.
WATERWAY 05–23: 2500X150 (WATER)
SEAPLANE REMARKS: unattended.
COMMUNICATIONS: CTAF 122.9

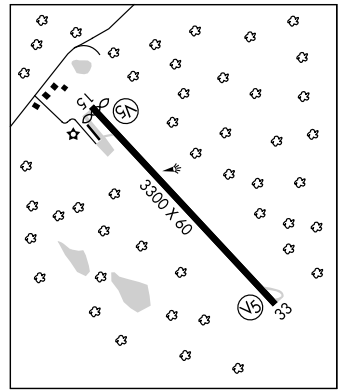
CHESTERFIELD CO (See RICHMOND)

CLARKSVILLE

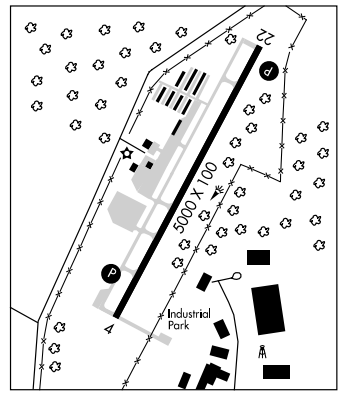
LAKE COUNTRY RGNL (W63) 2 S UTC−5(−4DT) N36°35.75′ W78°33.61′ WASHINGTON
421 B TPA—1221(800) NOTAM FILE DCA L–36G
RWY 04–22: H4488X50 (ASPH) S–12.5 MIRL IAP
RWY 04: Tree. **RWY 22:** Thld dsplcd 460′. Road.
AIRPORT REMARKS: Unattended. For fuel call number posted beside public pay phone on side of hangar. Wildlife invof arpt.
COMMUNICATIONS: CTAF 122.9
WASHINGTON CENTER APP/DEP CON 118.75
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
SOUTH BOSTON (L) VORTAC 110.4 SBV Chan 41 N36°40.50′ W79°00.87′ 107° 22.5 NM to fld. 530/05W.



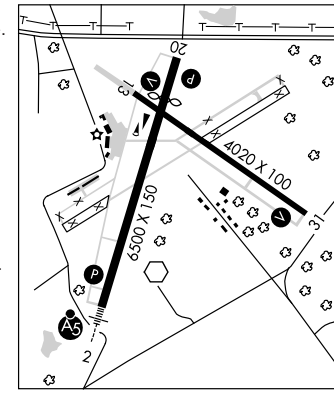
CREWE MUNI (W81) 1E UTC−5(−4DT) N37°10.86′ W78°05.90′ **WASHINGTON**
420 B S2 **FUEL** 100LL NOTAM FILE DCA **L–36H**
RWY 15–33: H3300X60 (ASPH) S–12 MIRL
RWY 15: APAP(PNIL)—GA 5.0° TCH 17′. Thld dsplcd 87′. Ground.
RWY 33: APAP(PNIL)—GA 3.0° TCH 8′. Tree.
AIRPORT REMARKS: Attended 1400–2200Z‡. Deer and turkey on and invof arpt. For airframe and power plant repairs call 804–645–9393. Rwy 15 APAP not lgtd. PNIL unavailable at night. Rwy 33 APAP not lgtd. PNIL unavailable at night. For MIRL Rwy 15–33 key CTAF 5 times on; 3 times off.
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
LAWRENCEVILLE (L) VORTAC 112.9 LVL Chan 76 N36°49.08′ W77°54.18′ 345° 23.7 NM to fld. 350/08W.



CULPEPER RGNL (CJR) 7 NE UTC−5(−4DT) N38°31.53′ W77°51.58′ **WASHINGTON**
316 B S4 **FUEL** 100LL, JET A NOTAM FILE CJR **H–10H, 12H, L–29E, 34E, 36I, A**
RWY 04–22: H5000X100 (ASPH) S–40 MIRL **IAP**
RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Fence.
RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Bldg.
AIRPORT REMARKS: Attended Nov–Apr 1300–2300Z‡, May–Oct 1300–0100Z‡. Deer on and invof arpt. ACTIVATE MIRL Rwy 04–22, REIL Rwy 04, PAPI Rwy 04, REIL Rwy 22, PAPI Rwy 22 and twy lgts—CTAF.
WEATHER DATA SOURCES: AWOS–3 119.325 (540) 727–0523.
COMMUNICATIONS: CTAF/UNICOM 123.075
CASANOVA RCO 122.1R 116.3T (LEESBURG RADIO)
Ⓡ **POTOMAC APP/DEP CON** 124.65
GCO 135.075 (POTOMAC CLNC)
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
CASANOVA (H) VORTAC 116.3 CSN Chan 110 N38°38.47′ W77°51.93′ 184° 6.9 NM to fld. 439/06W.
NAILR NDB (MHW) 351 MSQ N38°27.26′ W77°54.32′ 037° 4.8 NM to fld.
ILS 109.95 I–DZH Rwy 04. LOC only.



DANVILLE RGNL (DAN) 3 E UTC−5(−4DT) N36°34.37′ W79°20.17′ **CINCINNATI**
571 B S2 **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE DAN **H–9C, 12H, L–26J, 36G**
RWY 02–20: H6500X150 (ASPH–GRVD) S–90, D–130, ST–165 HIRL 0.4% up N **IAP**
RWY 02: MALSR. PAPI(P4L)—GA 3.0°TCH 54′.
RWY 20: REIL. PAPI(P4L)—GA 3.0° TCH 50′. Thld dsplcd 900′. Tree.
RWY 13–31: H4020X100 (ASPH) S–90, D–130, ST–165
MIRL 1.1% up NW
RWY 13: REIL. VASI(V2L)—GA 3.0°. Tree.
RWY 31: REIL. VASI(V2L)—GA 3.0°. TCH 73′. Road.
RUNWAY DECLARED DISTANCE INFORMATION:
RWY 02: TORA–6500 TODA–6500 ASDA–5600 LDA–5600
RWY 20: TORA–6500 TODA–6500 ASDA–6500 LDA–5600
AIRPORT REMARKS: Attended Mon–Fri 1100–0200Z‡, Sat–Sun 1200–0000Z‡. Arpt unattended Christmas Day. Rwy 02–20 cracks in pavement. Birds and deer on and invof arpt. Trees penetrating 7:1 transitional sfc of Rwy 31 both sides, first 1000′. Ctc arpt administration prior to conducting specialized aero activities 434–799–5110. TPA–1371 (800) lgt aircraft, 2071 (1500) turbine aircraft. Rwy 02 is designated calm wind rwy. Rwy 31 VASI unusable byd 8° left of course. ACTIVATE HIRL Rwy 02–20; MIRL Rwy 13–31; REIL Rwys 13 and 31 and 20; MALSR Rwy 02; VASI Rwys 13 and 31; PAPI Rwys 02 and 20—CTAF.



WEATHER DATA SOURCES: ASOS 128.125 (434) 799–1701.
COMMUNICATIONS: CTAF/UNICOM 123.05
RCO 122.2 (LEESBURG RADIO)
Ⓡ **WASHINGTON CENTER APP/DEP CON** 124.05
AIRSPACE: CLASS E svc effective 1100–0300Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
SOUTH BOSTON (L) VORTAC 110.4 SBV Chan 41 N36°40.50′ W79°00.87′ 254° 16.7 NM to fld. 530/05W.
(L) VOR 113.1 DAN N36°34.13′ W79°20.20′ at fld. NOTAM FILE DAN.
ILS 110.7 I–DAN Rwy 02. Class IE. ILS unmonitored.

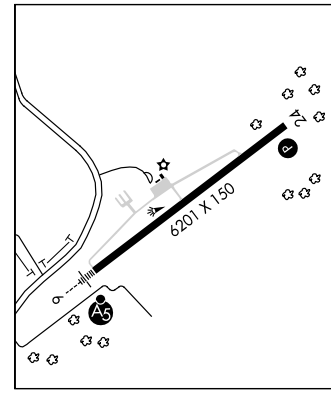
DAVEE N38°39.80′ W77°06.58′ NOTAM FILE DCA. **WASHINGTON**
NDB (MHW/LOM) 223 DA 322° 4.6 NM to Davison AAF (Fort Belvoir). Opr Mon–Fri 1000–0130Z‡ except holidays. **L–29E, 34E, 36I**

DAVISON AAF (FORT BELVOIR) (DAA)(KDAA) A (ARNG) 3 NW UTC−5(−4DT) **WASHINGTON**
N38°42.90′ W77°10.86′ **COPTER**
73 B TPA–See Remarks NOTAM FILE DCA Not insp. **H–10H, 12I, L–29E, 34E, 36I, A**
RWY 14–32: H5618X74 (ASPH) PCN 27 F/A/W/T HIRL 0.4% up NW **DIAP**
RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 59′. Thld dsplcd 600′. **RWY 32:** MALSF. REIL. Thld dsplced 900′.
MILITARY SERVICE: LGT When twr clsd HIRL Rwy 14–32 preset med ints. **FUEL** J8. Avbl Mon–Fri 1130–0330Z‡, weekends and holidays, 1300–2200Z‡, other times 2 hr PPR.
OIL O–123–128–148–156.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** Official Business Only. PPR 24 hr notice for all non DAA based acft. ctc Base Ops weekdays 1200–2100Z‡, DSN 656–7683/7682, C703–806–7682/7683. 24 hr PPR NVESD ramp, DSN 656–7675/7676, C703–806–7675/7676. **CAUTION** Expect shear/crosswind shift touch down zone Rwy 32 during SW–NW wind. Bird and deer hazard. **TFC PAT** TPA–Fixed wing SW 1500(1427), rotary wing NE 1100(1027). **NS ABTMT** Twr will advise of restriction to engine run up, tkf and ldg between Mon–Sat 0300–1300Z‡, Sun and holidays 2200–1700Z‡. Multiple practice instrument apch or tfc pat work are only authorized Mon–Sat 1300–0300Z‡, Sun and holidays 1700–0300Z‡. **MISC** Aerodrome bcn lctd 4600′ E–NE of afld on top of DLA Bldg. With control twr/opr approval, dep acft may use rwy app end overrun for tkf roll. Wx obsn augmented/back–up as reg Mon–Fri 1030–0230Z‡ exc holidays. Auto voice obsn continuous DSN 656–7313. Wx forecast Mon–Fri 1100–0230Z‡, exc holidays, other times remote briefing svc avbl 15th OWS, Scott AFB DSN 576–9755, C618–256–9755, fax extension 4855 or https://ows.scott.af.mil. See VFR–S for Pentagon Heliport. **ARNG** Opr continuously.
COMMUNICATIONS: CTAF 126.3 **ATIS** 128.175 230.0 (Mon–Fri 1100–0230Z‡, excluding holidays) **PTD** 139.4 34.1 (VIP arr ctc Base OPS 15 min prior to ldg.)
Ⓡ **POTOMAC APP CON** 119.85 322.3
TOWER 126.3 229.4 241.0 (Mon–Fri 1100–0230Z‡, excluding holidays) **GND CON** 121.9 245.2
CLNC DEL 245.2
Ⓡ **POTOMAC DEP CON** 118.1 343.7
METRO PMSV 139.4 **BASE OPS** 139.4 34.1 **ARNG OPS** 52.75
AIRSPACE: CLASS D svc Mon–Fri 1100–0230Z‡, excluding holidays other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.
ARMEL (L) VORTAC 113.5 AML Chan 82 N38°56.08′ W77°28.00′ 142° 18.8 NM to fld. 297/8W.
DAVEE NDB (MHW/LOM) 223 DA N38°39.80′ W77°06.58′ 322° 4.6 NM to fld. NOTAM FILE DCA. Opr Mon–Fri 1000–0130Z‡ except holidays.
ILS 108.9 I–DAA Rwy 32. LOM DAVEE NDB. DA NDB unusable byd 15 NM.
ASR/PAR (Weekdays 1200–0000Z‡ excluding holidays, 2 hr PPR other times.)
COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.
HELIPAD 14–32: H450X50 (CONC)

DINWIDDIE CO (See PETERSBURG)

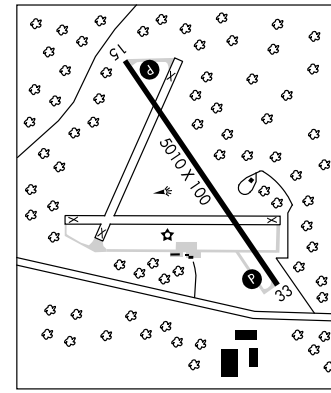
DUBLIN

NEW RIVER VALLEY (PSK) 2 N UTC−5(−4DT) N37°08.24′ W80°40.71′ **CINCINNATI**
2105 B S2 **FUEL** 100LL, JET A NOTAM FILE PSK **H–10H, 12H, 6G, L–26J**
RWY 06–24: H6201X150 (ASPH) D–60 HIRL 0.5% up SW **IAP**
RWY 06: MALSR. Ground.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 44′. Brush.
AIRPORT REMARKS: Attended Mon–Fri 1300–0000Z‡, Sat–Sun 1400–2300Z‡. Military contract fuel unavbl. Deer on and invof arpt. Customs service on airport. ACTIVATE HIRL Rwy 06–24, MALSR Rwy 06, REIL Rwy 24 and PAPI Rwy 24—CTAF.
WEATHER DATA SOURCES: AWOS–3 127.375 (540) 674–2731. **HIWAS** 116.8 PSK.
COMMUNICATIONS: CTAF/UNICOM 122.7
PULASKI RCO 122.3 122.1R 116.8T (LEESBURG RADIO)
ROANOKE APP/DEP CON 126.0 **ROANOKE CLNC DEL** 121.7
RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.
PULASKI (H) VORTAC 116.8 PSK Chan 115 N37°05.26′ W80°42.77′ 031° 2.9 NM to fld. 2120/06W. **HIWAS.**
ILS 110.9 I–PSK Rwy 06. Class IA. ILS unmonitored during hours arpt unattended.



EAGLE'S NEST (See WAYNESBORO)

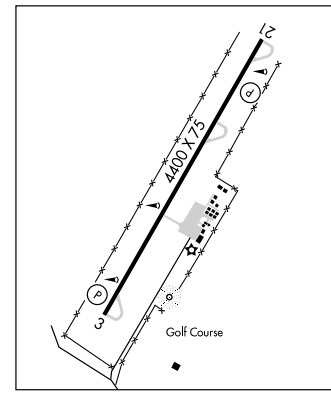
EMPORIA–GREENSVILLE RGNL (EMV) 3 E UTC−5(−4DT) N36°41.21′ W77°28.97′ **WASHINGTON**
127 B **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE EMV **H–9C, 10H, 12H, L–36G**
RWY 15–33: H5010X100 (ASPH) S–30, D–50, DT–85 MIRL 0.3% up N **IAP**
RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 30′. Road.
RWY 33: REIL. PAPI(P2L)—GA 3.0° TCH 30′. Road.
AIRPORT REMARKS: Attended 1400–2200Z‡. Deer on and invof arpt. TPA—1127(1000) light acft, 1627(1500) heavy acft. ACTIVATE MIRL Rwy 15–33, PAPI Rwys 15 and 33, and REIL Rwys 15 and 33—CTAF.
WEATHER DATA SOURCES: AWOS–3 124.175 (804) 434–0656.
COMMUNICATIONS: CTAF/UNICOM 123.0
WASHINGTON CENTER APP/DEP CON 132.025
RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.
FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85′ W77°00.74′ 275° 22.8 NM to fld. 90/09W.
NDB (MHW) 261 ELQ N36°37.08′ W77°25.53′ 336° 5.0 NM to fld. NOTAM FILE DCA.
ILS 108.75 I–EMV Rwy 33. Localizer only.



FALLS CHURCH N38°54.20′ W77°10.50′ **WASHINGTON**
RCO 122.6 122.2 (LEESBURG RADIO) **COPTER**
L–29E, 34F

FALWELL (See LYNCHBURG)

FARMVILLE RGNL (FVX) 4 NW UTC−5(−4DT) N37°21.45′ W78°26.27′ **WASHINGTON**
416 B S2 **FUEL** 100LL, JET A NOTAM FILE FVX **L–36H**
RWY 03–21: H4400X75 (ASPH) S–12.5 MIRL **IAP**
RWY 03: PAPI(P2L)—GA 3.0° TCH 52′. Tree.
RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 52′. Trees.
AIRPORT REMARKS: Attended 1330–2200Z‡. Deer on and in vicinity of arpt. Possible unmanned aerial vehicle operating 5 NM radius Farmville Arpt 3000′ AGL and blo. Rwy 03–21 MIRL preset low ints; to increase ints ACTIVATE—CTAF.
WEATHER DATA SOURCES: AWOS–3 132.725 (434) 392–9718.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WASHINGTON CENTER APP/DEP CON** 135.4
GCO 135.075 (WASHINGTON CENTER and FLIGHT SERVICES)
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
FLAT ROCK (H) VORTAC 113.3 FAK Chan 80 N37°31.71′ W77°49.69′ 257° 30.9 NM to fld. 460/06W.
NDB (MHW) 367 FVX N37°21.18′ W78°26.28′ at fld. NOTAM FILE FVX. Unmonitored when arpt unattended.

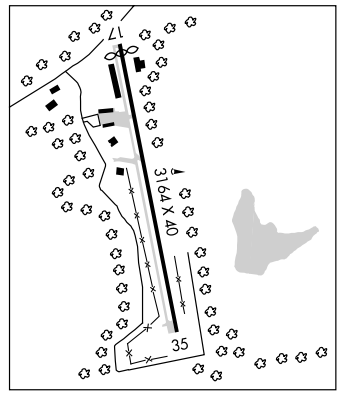


FELKER AAF (FORT EUSTIS) (FAF)(KFAF) A 0 N UTC−5(−4DT) N37°07.95′ W76°36.53′ **WASHINGTON**
11 B TPA–See Remarks NOTAM FILE DCA Not insp. **L–34E, 35D, 36H**
RWY 14–32: H3020X75 (ASPH) PCN 13 F/B/Y/T HIRL **DIAP**
RWY 14: ODALS. PVASI(PSIL). Rgt tfc. **RWY 32:** PVASI(PSIL).
MILITARY SERVICE: LGT ACTIVATE HIRL RWY 14–32, PSIL Rwy 14 and Rwy 32–CTAF. ODALS Rwy 14 controlled by twr.
JASU 2(AGPU) **FUEL** J8. **TRAN ALERT** Svc avbl Mon–Fri 1100–2100Z‡ except Federal holidays.
MILITARY REMARKS: Base OPS Mon–Fri 1200–2200Z‡ except holidays, DSN 826–3588/2584, C757–878–3398/3588. **RSTD** Acft entering from south-southeast maximum altitude 500′ due to instrument apch into Newport News/Williamsburg Arpt. No hazardous Cargo Area avbl. **CAUTION** Deer and bird hazard. No overflight main post. Eagle Management Area 1 NM south AER 32 at east shore James River and Morrison Creek. Avoid over flight blo 1000′ and 750′ horizontally. No fly area 1.6 NM SE Rwy 32 to include entire peninsula. **TFC PAT** TPA–Fixed wing 999(988), rgt tfc Rwy 14. Rotary wing 499(488). **MISC** Wx forecast on duty Mon–Fri 1030–0400Z‡ except holidays. C757–878–5300, DSN 826–5300, (fax) DSN 826–2817. Remote briefing avbl from 15 OWS Scott AFB,IL, DSN 576–9755/9702, C618–256–9755/9702, (fax) DSN 576–4855 http://ows.scott.af.mil. Wx obsn avbl 24 hrs at http://160.138.118.174/pv/localtop.htm or C757–878–5314. Supplemented Wx obsn avbl as rqr 1100–0400Z‡ Mon–Fri exp exc federal holidays. Prevailing visibility may not be representative of entire airfield due to tree/bldg obstruction ½ SM NW–NE, ¼ to ¾ SM all other quads on auto obsn. Wind speeds may not be representative of entire airfield due to bldg obstruction to NE. RVR reporting capabilities not avbl. ATC will assist in cooperative wx watch (CWW) by notifying forecaster of unreported wx conditions. When twr and/or surface visibility is blo 4 SM, the lesser value is reported as prevailing during supplemented wx obsn. FAA Leesburgh FSS C800–992–7433. Heli–deck marking located north of and adjacent to the approach of Rwy 14.
COMMUNICATIONS: CTAF 126.3
Ⓡ **NORFOLD APP/DEP CON** 125.7 335.625
TOWER 126.3 269.25 (Mon–Fri 1200–0400Z‡ except Federal holidays) **GND CON** 121.35 229.4
PMSV METRO 134.1 (Monitored Mon–Fri 1000–2200Z‡ except holidays. Maximum range 30 NM.)
BASE OPS 134.1
AIRSPACE: CLASS D svc Mon–Fri 1200–0400Z‡, except Federal holidays, other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
NDB (MHW) 226 FAF N37°08.33′ W76°37.11′ at fld. Unmonitored when twr clsd. Unusable byd 20 NM.

FLAT ROCK N37°31.71′ W77°49.69′ NOTAM FILE DCA. **WASHINGTON**
(H) VORTAC 113.3 FAK Chan 80 122° 16 NM to Chesterfield Co. 460/06W. **H–10H, L–36H**
VOR portion unusable:
111°–169° byd 30 NM
111°–169° blo 2600′
274°–337°
RCO 122.1R 113.3T (LEESBURG RADIO)

FOREST

NEW LONDON (W9Ø) 6 SW UTC−5(−4DT) N37°16.31′ W79°20.15′ **CINCINNATI**
849 S2 **FUEL** MOGAS, 100LL NOTAM FILE DCA **L–26J**
RWY 17–35: H3164X40 (ASPH)
RWY 17: Thld dsplcd 115′. Ground.
RWY 35: Trees.
AIRPORT REMARKS: Attended 1430–2300Z‡. Parachute Jumping. Ultralgt acft on and invof arpt. Rwy used as drag strip on Sundays summer months. NOTAMED when arpt CLOSED.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **ROANOKE APP/DEP CON** 125.47 (East of LYH VORTAC) 135.0 (West of LYH VORTAC)
RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.
LYNCHBURG (L) VORTAC 109.2 LYH Chan 29 N37°15.28′ W79°14.19′ 287° 4.9 NM to fld. 880/05W. **HIWAS.**



FORT A P HILL (See A P HILL)

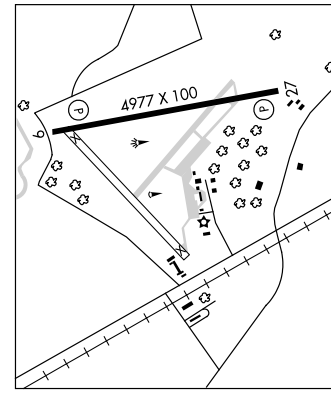
FORT BELVOIR (See DAVISON AAF)

FORT LEE HELIPAD NR 3 (VA39) A 0 S UTC−5(−4DT) N37°15.01′ W77°19.98′ **WASHINGTON**
100 NOTAM FILE DCA Not insp. **L–36H**
HELIPAD 36: H40X40 (CON) **DIAP**
MILITARY SERVICE: LGT Key 126.2 3 times for boundary lgt, auto turn–off after 15 min.
MILITARY REMARKS: RSTD 24 HR PPR DSN 687–6421. **CAUTION** Parachute jumping 2 NM NW. Small arms range 1 NM NW. Avoid overflight of asph compound 1 NM WNW. **MISC** Avoid overflight of national park and base housing areas adjacent to Fort Lee Reservation. Make advisory of ldg and tkf on 126.2.
COMMUNICATIONS:
Ⓡ **POTOMAC APP/DEP CON** 126.4 282.375 **MEDIVAC** 32.5 (KENNER)
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HOPEWELL (L) VORTAC 112.0 HPW Chan 57 N37°19.73′ W77°06.96′ 252° 11.4 NM to fld. 70/6W. **HIWAS.**

FORT EUSTIS (See FELKER AAF)

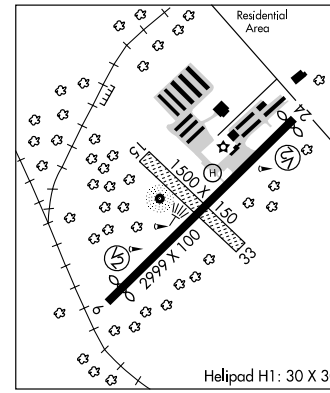
FRANKLIN N36°42.85′ W77°00.74′ NOTAM FILE FKN. **WASHINGTON**
(L) VORTAC 110.6 FKN Chan 43 109° 5.3 NM to Franklin Muni–John Beverly Rose. **H–9C, H–10H, L–35C, 36H**
90/09W.
VOR portion unusable:
090°–119° byd 18 NM blo 2000′
119°–128° byd 10 NM
129°–134° byd 33 NM
135°–148°
DME unusable:
90°–139°
RCO 122.1R 110.6T (LEESBURG RADIO)

FRANKLIN MUNI–JOHN BEVERLY ROSE (FKN) 2 NE UTC−5(−4DT) **WASHINGTON**
N36°41.89′ W76°54.23′ **L–35C, 36H**
41 B S4 **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE FKN **IAP**
RWY 09–27: H4977X100 (ASPH) MIRL
RWY 09: PAPI(P2L)—GA 3.0°. TCH 46′. Brush.
RWY 27: PAPI(P2L)—GA 3.0°. TCH 40′. Brush.
AIRPORT REMARKS: Attended 1300–2200Z‡. Possible tfc from the Southampton Memorial Helipad 2 NM west of arpt. Deer on and invof arpt. Drainage ditches next to rwy and twys. ACTIVATE MIRL Rwy 09–27—CTAF. TPA—841(800) light acft, 1541(1500) heavy acft.
WEATHER DATA SOURCES: AWOS–3 124.675 (757) 562–8765. Ceiling unreliable.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NORFOLK APP/DEP CON** 127.9
GCO 135.075 (NORFOLK CLNC) GCO unreliable indef.
RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.
FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85′ W77°00.74′ 109° 5.3 NM to fld. 90/9W.



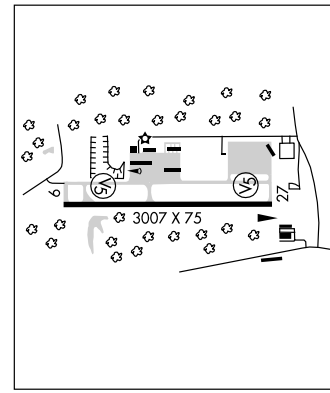
FREDERICKSBURG

SHANNON (EZF) 2 S UTC−5(−4DT) N38°15.97′ W77°26.96′ **WASHINGTON**
85 B S4 **FUEL** 100LL, JET A NOTAM FILE EZF **L–29E, 34E, 36I, A**
RWY 06–24: H2999X100 (ASPH) MIRL **IAP**
RWY 06: PVASI(PSIL). Thld dsplcd 240′. Railroad.
RWY 24: PVASI(PSIL). Thld dsplcd 35′. Tree.
RWY 15–33: 1500X150 (TURF)
RWY 15: Brush. **RWY 33:** Tree.
AIRPORT REMARKS: Attended 1300–2300Z‡ Self–fueling. Tkf from Rwy 15 prohibited. Rwy 15–33 outlined with yellow cones. Southside Rwy 06 has +40′ trees 100′ from pavement edge first 1400′. Southside Rwy 24 has +40′ trees 100′ from pavement edge first 1000′. First 89′ pavement Rwy 06 marked as unusable. PVASI Rwy 06 OTS indef. ACTIVATE MIRL Rwy 06–24—CTAF. Ldg fee. Fee for charter and corporate acft is waived with fuel purchase.
WEATHER DATA SOURCES: AWOS–3 128.125 (540) 372–6794. Ceiling unreliable indef.
COMMUNICATIONS: CTAF/UNICOM 122.8
BROOKE RCO 122.1R 114.5T (LEESBURG RADIO)
Ⓡ **QUANTICO ARRIVAL** 127.05 (Mon and Fri 1300–2200Z‡, Tue, Wed and Thu 1300–0200Z‡ except Sat, Sun and holidays, other times ctc
Ⓡ **POTOMAC APP/DEP CON** 124.65
GCO 135.075 (POTOMAC CLNC) OTS indef.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
BROOKE (L) VORTAC 114.5 BRV Chan 92 N38°20.18′ W77°21.18′ 236° 6.2 NM to fld. 145/09W.
NDB (MHW) 237 EZF N38°15.98′ W77°27.05′ at fld. NOTAM FILE EZF. Unmonitored when arpt unattended. Unusable byd 15 NM.



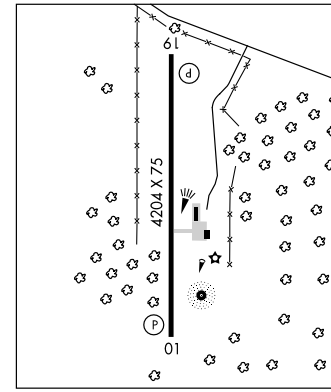
HELIPAD H1: H30X30 (CONC)

FRONT ROYAL–WARREN CO (FRR) 3 W UTC−5(−4DT) N38°55.05′ W78°15.21′ **WASHINGTON**
709 B S2 **FUEL** 100LL TPA—1709(1000) NOTAM FILE DCA **L–29D, A**
RWY 09–27: H3007X75 (ASPH) S–12.5 MIRL 0.3% up E **IAP**
RWY 09: APAP(PNIL)—GA 3.0° TCH 16′. Road.
RWY 27: APAP(PNIR)—GA 3.0° TCH 16′. Tree.
AIRPORT REMARKS: Attended May–Sept 1300–2330Z‡, Oct–Apr 1330Z‡–dusk. Deer on and invof arpt. Glider ops on and invof arpt. Rwy 09 and Rwy 27 rgt tfc for gyrocopters, ultralights and gliders. Noise abatement procedures in effect, ctc arpt manager for details at 540–635–3570. ACTIVATE MIRL Rwy 09–27—CTAF.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **POTOMAC APP/DEP CON** 120.45
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
LINDEN (L) VORTAC 114.3 LDN Chan 90 N38°51.26′ W78°12.33′ 335° 4.4 NM to fld. 2440/06W.



GALAX/HILLSVILLE

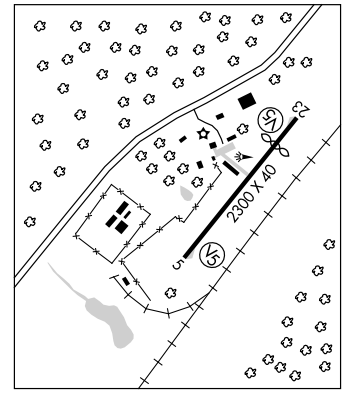
TWIN CO (HLX) 7 NE UTC−5(−4DT) N36°45.97′ W80°49.41′ — CINCINNATI
2693 B S6 **FUEL** 100LL, JETA NOTAM FILE HLX — L–26I
RWY 01–19: H4204X75 (ASPH) S–12.5 MIRL 1.2% up S — IAP
RWY 01: REIL. PAPI(P4L)—GA 3.0° TCH 21′. Trees.
RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 39′. Pole.
AIRPORT REMARKS: Attended irregularly. Self–svc, credit card fuel avbl 24 hrs. Deer on and invof arpt. Rwy 19 tree 76′ above rwy end, 1000′ from rwy end, 344′ right. MIRL Rwy 01–19 preset low ints, to increase ints and ACTIVATE REIL Rwy 01 and Rwy 19—CTAF. PAPI Rwy 01 and Rwy 19 opr continuously.
WEATHER DATA SOURCES: AWOS–3 118.375 (276) 728–5897.
COMMUNICATIONS: CTAF/UNICOM 122.8
ROANOKE APP/DEP CON 126.0
GCO 135.075 (ROANOKE CLNC)
RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.
PULASKI (H) VORTAC 116.8 PSK Chan 115 N37°05.26′ W80°42.77′ 202° 20 NM to fld. 2120/06W. **HIWAS.**
HILLSVILLE NDB (MHW) 269 HLX N36°45.74′ W80°49.32′ at fld. NOTAM FILE HLX. Unusable byd 10 NM. Unmonitored.



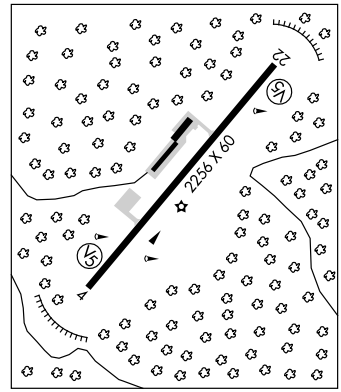
GLADE SPRING N36°49.51′ W82°04.74′ NOTAM FILE DCA. — CINCINNATI
(L) VOR/DME 110.2 GZG Chan 39 045° 19.7 NM to Tazewell Co. 4200/02W. **HIWAS.** — H–9B, 12G, L–26I
VOR portion unusable 351°–004° byd 15 NM blo 8000′.
RCO 122.1R 110.2T (LEESBURG RADIO)

GORDONSVILLE N38°00.82′ W78°09.18′ NOTAM FILE DCA. — WASHINGTON
(H) VORTAC 115.6 GVE Chan 103 002°8.6 NM to Gordonsville Muni. 382/06W. — H–10H, 12H, L–34E, 36H
HIWAS.
DME unusable:
090°–095° 318°–324°
156°–169° byd 18 NM
RCO 122.1R 115.6T (LEESBURG RADIO)

GORDONSVILLE MUNI (GVE) 3 NE UTC−5(−4DT) N38°09.36′ W78°09.95′ — WASHINGTON
454 B S2 **FUEL** 100LL NOTAM FILE DCA
RWY 05–23: H2300X40 (ASPH) S–12.5 MIRL 0.5% up SW
RWY 05: APAP(PNIR). Tree.
RWY 23: APAP(PNIR). Thld dsplcd 440′. Tree.
AIRPORT REMARKS: Unattended. Rwy 05–23 old crackseal six inches wide in places, very soft. Rotating bcn OTS indef. ACTIVATE MIRL Rwy 05–23—CTAF.
WEATHER DATA SOURCES: HIWAS 115.6 GVE.
COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.1R 115.6T (LEESBURG RADIO)
Ⓡ **POTOMAC APP/DEP CON** 132.85



GRUNDY MUNI (GDY) 3 SW UTC−5(−4DT) N37°13.94′ W82°07.50′ — CINCINNATI
2304 B NOTAM FILE DCA — L–26I
RWY 04–22: H2256X60 (ASPH) S–7 MIRL — IAP
RWY 04: APAP(PNIL). Tree.
RWY 22: APAP(PNIL). Tree.
AIRPORT REMARKS: Unattended. Wildlife invof arpt. Pay phone at arpt 276–935–8022. ACTIVATE MIRL Rwy 04–22—CTAF; high ints only.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **INDIANAPOLIS CENTER APP/DEP CON** 126.575
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
GLADE SPRING (L) VOR/DME 110.2 GZG Chan 39 N36°49.51′ W82°04.74′ 357° 24.5 NM to fld. 4200/02W. **HIWAS.**



HAMPTON ROADS EXECUTIVE (See NORFOLK)

HANOVER CO MUNI (See RICHMOND/ASHLAND)

HARCUM N37°26.92′ W76°42.68′ NOTAM FILE DCA. — WASHINGTON
(L) VORTAC 108.8 HCM Chan 25 338° 5.0 NM to Middle Peninsula Rgnl. 8/07W. VOR portion unusable 056°–095° below 2000′, 275°–300° below 2000′. — H–10H, 12H, L–34E, 36H
RCO 122.1R 108.8T (LEESBURG RADIO)

HENRY N37°07.97′ W76°29.59′ NOTAM FILE DCA. — WASHINGTON
NDB (MHW) 375 PJS at Newport News/Williamsburg Intl. — L–34E, 35D, 36H

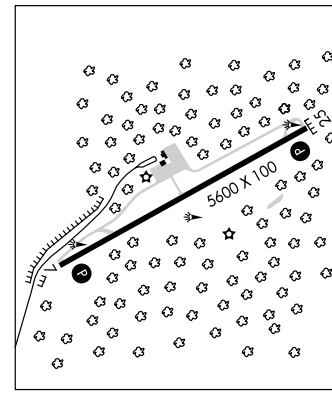
HILLSVILLE N36°45.74′ W80°49.32′ NOTAM FILE HLX. — CINCINNATI
NDB (MHW) 269 HLX at Twin Co. Unusable byd 10 NM. Unmonitored. — L–26I

HOLSTON MOUNTAIN, TN N36°26.22′ W82°07.78′ NOTAM FILE TRI. — CINCINNATI
(L) VORTAC 114.6 HMV Chan 93 021° 15.7 NM to Virginia Highlands. 4321/04W. — H–9B, L–26I
RCO 122.1R 114.6T (NASHVILLE RADIO)

HOPEWELL N37°19.73′ W77°06.96′ NOTAM FILE DCA. — WASHINGTON
(L) VORTAC 112.0 HPW Chan 57 003° 10.5 NM to New Kent Co. 70/06W. **HIWAS.** — H–10H, 12H, L–34E, 36H
RCO 122.1R 112.0T (LEESBURG RADIO)

HOT SPRINGS

INGALLS FLD (HSP) 3 S UTC−5(−4DT) N37°57.09′ W79°50.03′ — CINCINNATI
3793 B **FUEL** 100LL, JET A NOTAM FILE HSP — H–10H, 12H, L–26J
RWY 07–25: H5600X100 (ASPH–PFC) S–65, D–160, ST–175 HIRL 0.5% up SW — IAP
RWY 07: PAPI(P4R)—GA 3.0°TCH 46′. Ground.
RWY 25: REIL. PAPI(P4L)—GA 3.0°TCH 58′.
AIRPORT REMARKS: Attended Nov–Mar 1400–2200Z‡, Apr–Oct Mon–Fri 1300–2300Z‡ Sat–Sun 1300–2300Z‡. Wildlife, including bear on and invof arpt. Be advised low pass to check/clear wildlife when arpt unattended. ACTIVATE HIRL Rwy 07–25, PAPI Rwys 07 and 25, REIL Rwy 25 and twy lgts—CTAF. Ldg fee. Ldg fee waived for fuel purchase multi engine acft only.
WEATHER DATA SOURCES: AWOS–3 118.8 (540) 839–5974.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **WASHINGTON CENTER APP/DEP CON** 134.4
AIRSPACE: CLASS E svc 1500–2300Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
MONTEBELLO (L) VOR/DME 115.3 MOL Chan 100 N37°54.03′ W79°06.41′ 280° 34.7 NM to fld. 3460/05W.
ILS 108.7 I–HSP Rwy 25. ILS unmonitored 0200–1230Z‡. GS unusable blo 4030′.



HUMMEL FLD (See SALUDA)

INGALLS FLD (See HOT SPRINGS)

INGLE N36°50.43′ W76°15.08′ NOTAM FILE ORF.
NDB (LOM) 329 OR 046°4.1 NM to Norfolk Intl.

JONES N36°36.87′ W78°03.19′ NOTAM FILE AVC. — WASHINGTON
NDB (MHW) 373 AEA 008°4.4 NM to Mecklenburg-Brunswick Rgnl. — L–36G

JONESVILLE

LEE CO (ØVG) 5 SW UTC−5(−4DT) N36°39.25′ W83°13.07′ — CINCINNATI
1411 B TPA–2411(1000) NOTAM FILE DCA — H–9B, 12G, L–25B
RWY 07–25: H5000X75 (ASPH) S–30 MIRL 0.9% up NE — IAP
RWY 07: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree. **RWY 25:** REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.
AIRPORT REMARKS: Attended on call. After hours call 276–346–2075 or 276–346–3051. ACTIVATE MIRL Rwy 07–25, PAPI Rwy 07 and Rwy 25, and REIL Rwy 07 and Rwy 25—CTAF.
COMMUNICATIONS: CTAF 122.9
Ⓡ **ATLANTA CENTER APP/DEP CON** 127.55
RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.
HAZARD (L) VOR/DME 111.2 AZQ Chan 49 181° 44.2 NM to fld. 1247/04W. DME unusable byd 25 NM blo 4500′.

KENBRIDGE

LUNENBURG CO (W31) 3 W UTC−5(−4DT) N36°57.61′ W78°11.10′ **WASHINGTON L–36G**

526 B NOTAM FILE DCA

RWY 02–20: H3000X50 (ASPH–AFSC) S–12.5 LIRL

RWY 02: APAP(PNIL)—GA 5.0° TCH 26′. Tree.

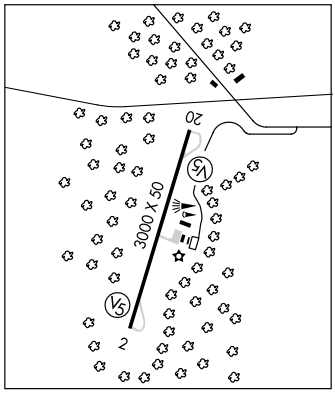
RWY 20: APAP(PNIL)—GA 5.0° TCH 26′. Tree.

AIRPORT REMARKS: Unattended. Deer on and invof arpt.

COMMUNICATIONS: CTAF/UNICOM 122.7

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LAWRENCEVILLE (L) VORTAC 112.9 LVL Chan 76 N36°49.08′ W77°54.18′ 310°16.0 NM to fld. 350/08W.



LAKE ANNA (See BUMPASS)

LAKE COUNTRY RGNL (See CLARKSVILLE)

LANGLEY AFB (LFI)(KLFI) AF (NASA A) 3 N UTC−5(−4DT) N37°04.97′ W76°21.63′ **WASHINGTON**
11 B TPA–See Remarks NOTAM FILE DCA Not insp. **H–10I, 12H, L–35D**
RWY 08–26: H10000X150 (CONC–GRVD) PCN 45 R/C/W/T HIRL **IAP, DIAP, AD**
RWY 08: ALSF1. PAPI(P4L). **RWY 26:** MALSR. REIL. PAPI(P4L).
ARRESTING GEAR/SYSTEM
RWY 08: ← HOOK E5 (55′OVRN) HOOK BAK–12B(B) (1100′)
HOOK BAK 12–B(B) (1000′) HOOK E5 (55′ OVRN) → **RWY 26**
MILITARY SERVICE: LGT Rwy 08–26 thld lgt gated, mid 70′ inoperative/removed. **A–GEAR** E5 active rwy dep end. BAK–12B(B) pendant cable always in place. BAK–12B extension. **JASU** 2(M32A–60) 2(MC11) 4(A/M 32A–86) **FUEL** J8. Expect up to 1 hr delay. **FLUID** SP LHOX LOX **OIL** O–133–148–156 SOAP **TRAN ALERT** Opr weekdays 1030–0430Z‡, weekends and holidays 1200–0100Z‡. Follow Me svc avbl upon req. Expect progressive taxi to park. Fleet svc truck avbl but limited to VIP C–9, C–12, C–20, C–21, UC–35, VC–135 and E–4B (DV) acft only.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** PPR ctc BASE OPS 1030–0430Z‡ DSN 574–2504, C757–764–2504. Only 1 fixed wing acft authorized from 1300–1400Z‡. ACC RSRS applied to ACC acft only. Transport/Distinguished Visitor acft ctc Base OPS 20 minutes prior ldg. **CAUTION** Intensive IFR and VFR high performance fighter tfc within the Class D Airspace: Extensive uncontrolled general aviation tfc blo 3000′ over James River and Chesapeake Bay. Dep tfc do not exceed 1000′ on climbout until dep end of rwy. Laser lgt beam haz to direct visual obsn will be conducted at NASA Langley Research Center within 1/2 NM radius of 37° 06.3′N 76° 22.7′W. Strong caution is advised. Wx observation site limited 080°–250° due to building. ATC will relay twr prevailing visibility, sector visibility, local PIREP's or an occurrence of previously unreported wx conditions that could affect ops to wx flight. Wind shear conditions may exist on Rwy 26 through short final and touchdown, that are prevalent, undetectable and often unreported. Increased potential for hydroplaning due to excessive rubber build-up. Airfield grass cutting conducted from Mar–Nov, expect increased bird activity invof mowers. **TFC PAT** TPA–Overhead 3000(2989) at 5 DME descending to 1500′ by 3 DME, rgt break Rwy 26, left break Rwy 08. Rectangular 1000(989) rgt tfc Rwy 26, left tfc Rwy 08. **NS ABTMT** Quiet hr weekdays 0330–1100Z‡, weekends and holidays 0330–1300Z‡, waivers DSN 574–5411. **MISC** Afld manager DSN 574–2508. DD Form 1801 rqr 90 min prior to estimated time of departure. Rwy 08–26 grooved. ACC fighter acft expect reduced rwy separation: Day/VFR, similar acft 3000′, dissimilar type acft 6000′. Ngt 6000′ all acft. Tran acft notify twr on initial ctc if reduced rwy separation is not desired. Afld Ops does not have ability to store COMSEC. Ctc Command Post DSN 574–5411, C757–764–5411 for COMSEC storage. **A** Park, refuel and maintenance avbl on AF ramp. **NASA** All inbound to NASA side must coordinate in advance with NASA Flight Svc Ops DSN 574–3070, C757–864–3887. Svc not avbl for non–NASA acft. Twy J can only be used during daylgt and VFR conditions as it does not have twy edge lgts and is restricted to acft with total wingspan of 80′ or less and 100,000 lbs or less gross weight.
COMMUNICATIONS: SFA **ATIS** 270.1 **PTD** 141.75 376.2
Ⓡ **NORFOLK APP/DEP CON** 126.05 370.925 (010°–080°) 127.9 269.42 (180°–310°) 124.9 379.1 (311°–009°)
TOWER 125.0 253.5 **GND CON** 121.7 275.8 **CLNC DEL** 118.85 257.625
CONSOLIDATED COMD POST (Raymond 16) 251.25 311.0 (Have quick timing avbl 287.45.)
PMSV METRO 239.8(Wx DSN 574–5908. Alternate PMSV is McGuire AFB. Full svc avbl Mon–Fri 1200–2200Z‡. Remote briefing svc avbl 9 OWS Shaw AFB DSN 965–0939 thru 0943, C 803–895–0939.
NASA OPS 123.375 310.4
RADIO AIDS TO NAVIGATION: NOTAM FILE LFI.
(L) TACAN Chan 70 LFI (112.3) N37°05.13′ W76°21.56′ at fld. 11/10W. No NOTAM MP Tue and Thu 1100–1300Z‡ and 2300–0200Z‡.
TACAN unusable:
130–150° byd 22 NM blo 2,000′ 305°–184° byd 9 NM blo 7,000′
170°–180° byd 27 NM blo 2,000′ 318°–305° byd 30 NM blo 3,000′
ILS 109.9 I–LFI Rwy 08. GS unusable for coupled apch blo 750′. No NOTAM MP Mon, Wed, Fri 1100–1300Z‡ and 2300–0200Z‡.
ILS 109.9 I–ABM Rwy 26. No NOTAM MP Mon, Wed, and Fri 1100–1300Z‡ and 2300–0200Z‡.

LAWRENCEVILLE/BRUNSWICK MUNI (LVL) 3 E UTC−5(−4DT) N36°46.37′ W77°47.66′ WASHINGTON L–36G IAP

329 B **FUEL** 100LL NOTAM FILE DCA

RWY 18–36: H3020X50 (ASPH) S–12.5 MIRL 0.6% up S.

RWY 18: Trees. **RWY 36:** Trees.

RWY 06–24: 1890X70 (TURF) 1.7% up NE

RWY 06: Tree. **RWY 24:** Tree.

AIRPORT REMARKS: Attended 1300–2200Z‡. Rwy 06–24 tmpry CLOSED due to obstructions. Deer on and invof arpt. Rwy 06–24 marked with cones. ACTIVATE MIRL Rwy 18–36—CTAF.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.1R 112.9T (LEESBURG RADIO)

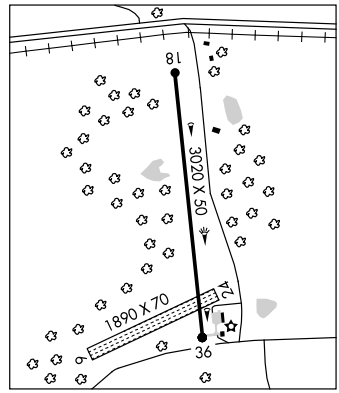
WASHINGTON APP/DEP CON 118.75

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

(L) VORTAC 112.9 LVL Chan 76 N36°49.08′ W77°54.18′ 125° 5.9 NM to fld. 350/08W.

VOR portion unusable:

090 °byd 20 NM
090° blo 7000′
091°–105°
106° byd 27 NM
106° blo 7500′
107°–170°
171°–180° blo 6000′
201°–325° byd 17 NM blo 9000′
326°–089°



LEE CO (See JONESVILLE)

LEESBURG EXECUTIVE (JYO) 3 S UTC−5(−4DT) N39°04.68′ W77°33.45′ WASHINGTON COPTER H–10H, 12I, L–29E, 34F, A IAP

389 B S4 **FUEL** 100LL, JET A OX 4 TPA—1199(810) LRA NOTAM FILE JYO

RWY 17–35: H5500X100 (ASPH) S–30, D–70 HIRL

RWY 17: ODALS(NSTD). REIL. PAPI(P4L)—GA 3.0° TCH 32′.

RWY 35: REIL. PAPI(P4R)—GA 3.0° TCH 32′. Trees.

AIRPORT REMARKS: Attended 1300–0100Z‡. For svc after hrs call 703–777–1540. For fuel and other line svcs contact arpt ops on frequency 132.0. Birds and deer on and invof arpt. Helicopter activity. Calm wind use Rwy 17. Ramp fence southwest side ramps lead–in lines on west ramp NA. PAEW on and invof arpt. Rwy 17 NSTD ODALS, 3 lgt configuration. ACTIVATE HIRL Rwy 17–35, ODALS Rwy 17, REIL Rwy 17 and Rwy 35 and PAPI Rwy 17 and Rwy 35—CTAF. Omni–directional REIL Rwy 17 and Rwy 35. US Customs avbl on req Mon–Fri 703-661-3632 extension 108/119 prior to 2200Z‡ the preceding workday; after 2200Z‡ or weekends 1-800-973-2867.

WEATHER DATA SOURCES: AWOS–3 125.225 (703) 777–3781.

COMMUNICATIONS: CTAF/UNICOM 122.975

RCO 122.6 122.2 122.0 (LEESBURG RADIO)

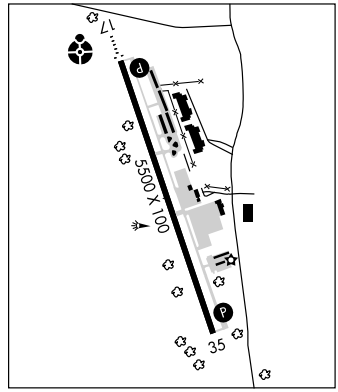
Ⓡ **POTOMAC APP/DEP CON** 126.1 **CLNC DEL** 118.55 135.075

RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.

ARMEL (L) VORTAC 113.5 AML Chan 82 N38°56.08′ W77°28.00′ 342° 9.6 NM to fld. 297/08W.

ILS/DME 111.75 I–JYO Chan 54Y Rwy 17. LOC only. LOC/DME unmonitored when arpt unattended.

COMM/NAV/WEATHER REMARKS: AWOS–3 Visibility/ceiling unreliable. Wind unreliable.



LINDEN N38°51.26′ W78°12.33′ NOTAM FILE DCA. WASHINGTON COPTER H–10H, 12H, L–29D, 34E, A

(L) VORTAC 114.3 LDN Chan 90 335° 4.4 NM to Front Royal–Warren Co. 2440/06W.

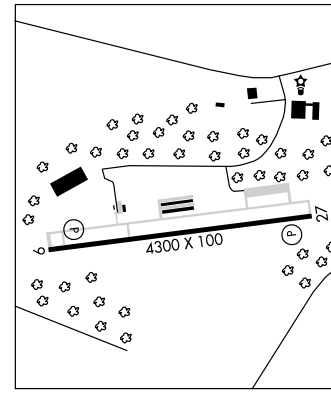
DME portion unusable:

115°–150° byd 20 NM blo 3500′
150°–155° byd 20 NM blo 4000′
155°–175° byd 20 NM blo 4500′
175°–200° byd 20 NM blo 5000′
200°–225° byd 20 NM blo 5500′

RCO 122.1R 114.3T (LEESBURG RADIO)

LONESOME PINE (See WISE)

LOUISA CO/FREEMAN FLD (LKU) 2 SE UTC−5(−4DT) N38°00.59′ W77°58.21′ **WASHINGTON**
493 B S4 **FUEL** 100LL, JET A NOTAM FILE LKU **L–34E, 36H**
RWY 09–27: H4300X100 (ASPH) S–12.5 MIRL 0.6% up E **IAP**
RWY 09: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree. Rgt tfc.
RWY 27: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.
AIRPORT REMARKS: Attended Mon–Sat 1330–2200Z‡. Sun and holidays 1500–2200Z‡. Parachute Jumping. Deer on and invof arpt. MIRL Rwy 09–27 preset low ints, to increase ints and ACTIVATE REIL Rwys 09 and 27—CTAF.
WEATHER DATA SOURCES: AWOS–3 119.475 (540) 967–1983.
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **POTOMAC APP/DEP CON** 132.85
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
GORDONSVILLE (H) VORTAC 115.6 GVE Chan 103 N38°00.82′ W78°09.18′ 097° 8.7 NM to fld. 382/06W. **HIWAS.**
ILS 108.55 I–LKU Rwy 27. LOC only. Unmonitored.



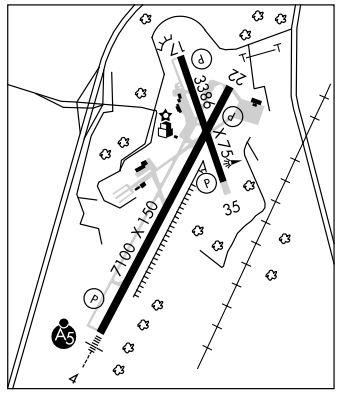
LUNENBURG CO (See KENBRIDGE)

LURAY CAVERNS (W45) 2 W UTC−5(−4DT) N38°40.02′ W78°30.04′ **WASHINGTON**
902 B S2 **FUEL** 100LL NOTAM FILE DCA **L–29D**
RWY 04–22: H3125X75 (ASPH) S–12 MIRL **IAP**
RWY 04: APAP(PNIL)—GA 3.0°. Tree. **RWY 22:** APAP(PNIL)—GA 3.0°. Antenna. Rgt tfc.
AIRPORT REMARKS: Attended 1300–2300Z‡. Deer and birds on and invof arpt. Taxi on hard surfaces only. ACTIVATE MIRL Rwy 04–22—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WASHINGTON CENTER APP/DEP CON** 133.2
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
LINDEN (L) VORTAC 114.3 LDN Chan 90 N38°51.26′ W78°12.33′ 237° 17.8 NM to fld. 2440/06W.
CAVERNS NDB (MHW) 245 LUA N38°41.97′ W78°28.30′ 224° 2.4 NM to fld. Unmonitored when arpt unattended. Unusable 209°–049° byd 15 NM; 050°–208° byd 10 NM.

LYNCHBURG

FALWELL (W24) 3 SE UTC−5(−4DT) N37°22.68′ W79°07.34′ **CINCINNATI**
939 S4 **FUEL** 100LL, JET A OX 1, 3, 4 TPA—1739(800) NOTAM FILE DCA **L–26K, 36G**
RWY 10–28: H2932X50 (ASPH) MIRL 4.7% up W **IAP**
RWY 10: Tree. **RWY 28:** TRCV(TRIL).
AIRPORT REMARKS: Attended Apr–Oct 1200–0000Z‡, Nov–Mar 1200–2300Z‡. Land Rwy 28 (west) tkf Rwy 10 (east).
WEATHER DATA SOURCES: HIWAS 109.2 LYH.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **ROANOKE APP/DEP CON** 125.47 (East of LYH VORTAC) 135.0 (West of LYH VORTAC)
RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.
LYNCHBURG (L) VORTAC 109.2 LYH Chan 29 N37°15.28′ W79°14.19′ 042° 9.2 NM to fld. 880/05W. **HIWAS.**

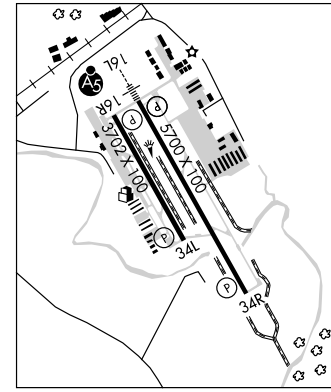
LYNCHBURG RGNL/PRESTON GLENN FLD (LYH) 5 SW UTC−5(−4DT) **CINCINNATI**
N37°19.52′ W79°12.03′ **H–10H, 12H, L–26J, 36G**
938 B S4 **FUEL** 100LL, JET A Class I, ARFF Index A NOTAM FILE LYH **IAP, AD**



RWY 04–22: H7100X150 (ASPH–GRVD) S–90, D–108, ST–137, DT–170 PCN 29 F/A/X/T HIRL 0.6% up NE
RWY 04: MALSR. PAPI(P4L)—GA 3.0° TCH 55′.
RWY 22: REIL. PAPI(P4L)—GA 3.0°TCH 45′. Ground.
RWY 17–35: H3386X75 (ASPH) S–25, D–35, DT–55 MIRL
RWY 17: REIL. PAPI(P2L)—GA 4.0° TCH 20′.
RWY 35: REIL. PAPI(P2L)—GA 4.0° TCH 20′.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–7100 TODA–7100 ASDA–6800 LDA–6800
RWY 22: TORA–7100 TODA–7100 ASDA–7100 LDA–7100
AIRPORT REMARKS: Attended 1000–0459Z‡. Rwy 17–35 CLOSED to air carrier and acft over 12,500 lbs. PPR 12 hrs for unscheduled acft ops with more than 30 passenger seats. Call ARFF 434–582–1157. Twy G uncontrolled—not visible from tower. Twy G CLOSED to air carrier and acft over 12,500. Birds and other wildlife on and invof arpt. Rwy 17–35 CLOSED to air carrier or acft over 12,500 pounds without PPR. When twr clsd ACTIVATE HIRL Rwy 04–22; MALSR Rwy 04 and twy lgts—CTAF. MIRL Rwy 17–35; REIL Rwy 17 and Rwy 35 and PAPI Rwy 17 and Rwy 35 unavbl when twr clsd.
WEATHER DATA SOURCES: ASOS 119.8 (434) 239–0025
HIWAS 109.2 LYH. LAWRS.
COMMUNICATIONS: CTAF 127.65 **ATIS** 119.8 **UNICOM** 122.95
LYNCHBURG RCO 122.1R 109.2T (LEESBURG RADIO)
Ⓡ **ROANOKE APP/DEP CON** 125.47 (East of LYH VORTAC) 135.0 (West of LYH VORTAC)
TOWER 127.65 (1130–0330Z‡) **GND CON** 121.9
AIRSPACE: CLASS D svc 1130–0330Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.
(L) VORTAC 109.2 LYH Chan 29 N37°15.28′ W79°14.19′ 027° 4.7 NM to fld. 880/05W. **HIWAS.**
VOR unusable 236°–241° within 20 NM blo 8000′.
VOR unusable 253°–257° within 20 NM blo 8000′.
BOJAR NDB (MHW/LOM) 385 LY N37°15.75′ W79°14.60′ 036° 4.4 NM to fld. NDB unmonitored when twr clsd.
ILS 110.1 I–LYH Rwy 04. Class IE LOM BOJAR NDB. ILS unmonitored when twr clsd.

MANASSAS RGNL/HARRY P DAVIS FLD (HEF) 4 SW UTC−5(−4DT) **WASHINGTON**
N38°43.29′ W77°30.93′ **COPTER**
192 B S4 **FUEL** 100LL, JET A OX 1, 2, 4 TPA—See Remarks LRA **H–10H, 12I, L–29E, 34E, 36I, A**
NOTAM FILE HEF **IAP, AD**

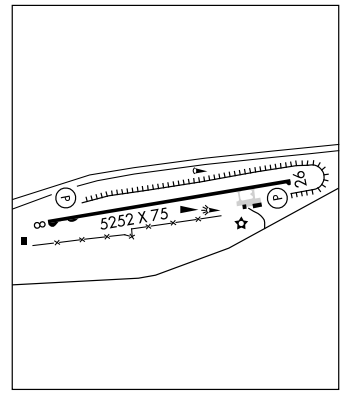
RWY 16L–34R: H5700X100 (ASPH–GRVD) S–50, D–140 HIRL
RWY 16L: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 56′. Trees.
RWY 34R: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Rgt tfc.. Tree.
RWY 16R–34L: H3702X100 (ASPH) S–12.5 MIRL
RWY 16R: REIL. PAPI(P2L)—GA 3.0° TCH 50′. Rgt tfc. Tree.
RWY 34L: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.



AIRPORT REMARKS: Attended 1130–0330Z‡. Birds and deer on and invof arpt. Acft category C III or larger use Rwy 16L–34R and East ramp. Helicopter ops over residential areas blo 1000′ should be avoided; ctc arpt manager 703–361–1882. TPA—1200(1008) single engine and light twin acft, 1500(1308) med twin and turboprop acft, 1000(808) helicopter. When twr clsd ACTIVATE HIRL Rwy 16L–34R, MALSR Rwy 16L, MIRL Rwy 16R–34L and REIL Rwy 16L, Rwy 34R, Rwy 16R, Rwy 34L—CTAF. U.S. Customs avbl Mon–Sun 1000–0400Z‡. Call Command Center 703–661–7100 for appointment.
WEATHER DATA SOURCES: AWOS–3 125.175 (703) 361–6160
COMMUNICATIONS: CTAF 133.1 **ATIS** 125.175 (703) 361–6160
Ⓡ **POTOMAC APP/DEP CON** 124.65
TOWER 133.1 (1130–0330Z‡) **GND CON** 121.8
CLNC DEL 120.2 (When twr clsd POTOMAC CLNC DEL 120.2)
AIRSPACE: CLASS D svc effective 1130–0330Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.
ARMEL (L) VORTAC 113.5 AML Chan 82 N38°56.08′ W77°28.00′ 199° 12.9 NM to fld. 297/08W.
TILLE NDB (LOM) 346 IA N38°50.83′ W77°26.27′ 216° 8.4 NM to fld.
ILS 109.1 I–HEF Rwy 16L.

MARION/WYTHEVILLE

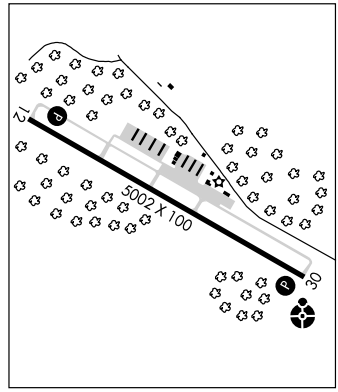
MOUNTAIN EMPIRE (MKJ) 9 NE UTC−5(−4DT) N36°53.69′ W81°21.00′ **CINCINNATI**
2558 B S4 **FUEL** 100LL, JET A NOTAM FILE MKJ **H–9B, 12G, L–26I**
RWY 08–26: H5252X75 (ASPH) S–20 MIRL 1.1% up W **IAP**
RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
RWY 26: REIL. PAPI(P2L)—GA 3.75° TCH 47′. Road.



AIRPORT REMARKS: Attended Apr–Oct Mon–Fri 1230–0100Z‡, Sat 1300–0000Z‡, Sun 1800–0000Z‡, Nov–Mar Mon–Fri 1230–0000Z‡, Sat 1300–0000Z‡, Sun 1800–0000Z‡. Located 9 NM NE Marion. MIRL Rwy 08–26 preset low ints, ACTIVATE higher ints—CTAF.
WEATHER DATA SOURCES: AWOS–3 123.875 (276) 686–6420.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **ATLANTA CENTER APP/DEP CON** 132.9
RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.
PULASKI (H) VORTAC 116.8 PSK Chan 115 N37°05.26′ W80°42.77′ 256° 32.7 NM to fld. 2120/06W. **HIWAS.**
SUZZE NDB (MHW/LOM) 335 MK N36°55.21′ W81°14.60′ 260° 5.4 NM to fld. NOTAM FILE MKJ. Unmonitored when arpt unattended.
ILS 110.5 I–MKJ Rwy 26. LOM SUZZE NDB. (LOC only.) LOC unmonitored when arpt unattended.

MARTINSVILLE

BLUE RIDGE (MTV) 8 SW UTC−5(−4DT) N36°37.85′ W80°01.10′ **CINCINNATI**
941 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 NOTAM FILE MTV **H–9B, 12G, L–26J**
RWY 12–30: H5002X100 (ASPH–GRVD) S–30, D–60 MIRL 0.6% up NW **IAP**
RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Tree.
RWY 30: REIL. ODALS. PAPI (P4L)—GA 3.0° TCH 40′. Trees.
AIRPORT REMARKS: Attended 1300–2300Z‡. Deer on and invof arpt. ACTIVATE MIRL Rwy 12–30, PAPI Rwys 12 and 30, REIL Rwy 12 and Rwy 30, and ODALS Rwy 30—CTAF.
WEATHER DATA SOURCES: AWOS–3 118.45 (276) 957–3784. OTS indef.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **GREENSBORO APP/DEP CON** 124.35 **CLNC DEL** 124.85
RADIO AIDS TO NAVIGATION: NOTAM FILE GSO.
GREENSBORO (H) VORTAC 116.2 GSO Chan 109 N36°02.74′ W79°58.58′ 360° 35.1 NM to fld. 879/03W. **HIWAS.**
BALES NDB (MHW/LOM) 396 UV N36°35.39′ W79°55.04′ 304° 5.5 NM to fld. NOTAM FILE MTV. Unmonitored when arpt unattended.
ILS/DME 111.3 I–UVM Chan 50 Rwy 30. LOC only. LOM BALES NDB. LOC/DME unmonitored when arpt unattended.



MC LAUGHLIN SPB (See CHESTER)

MECKLENBURG–BRUNSWICK RGNL (See SOUTH HILL)

MELFA

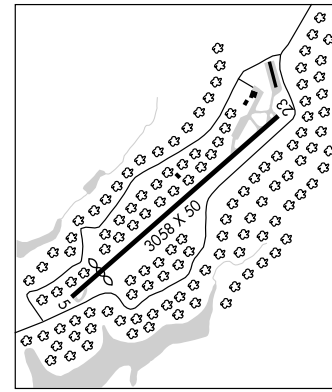
ACCOMACK CO (MFV) 1 W UTC−5(−4DT) N37°38.81′ W75°45.66′ **WASHINGTON**
47 B **FUEL** 100LL JET A+ TPA—See Remarks NOTAM FILE MFV **H–10I, 12I, L–36I**
RWY 03–21: H5000X100 (ASPH) S–26 MIRL **IAP**
RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.
RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Trees.
AIRPORT REMARKS: Attended May–Oct 1300–0100Z‡, Nov–Apr 1300–2300Z‡. Self serve fuel (100LL and JET A+) avbl 24 hrs. Deer on and invof arpt. TPA—897(850) light acft, 1547(1500) heavy acft. Trees parallel rwy +370′ east and west of centerline (50 to 90′). MIRL Rwy 03–21 preset low ints, increase ints and ACTIVATE REIL Rwy 03 and Rwy 21—CTAF.
WEATHER DATA SOURCES: AWOS–3 118.175 (757) 787–5660.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PATUXENT APP/DEP CON** 127.95
GCO 135.075 (NORFOLK CLNC)
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
CAPE CHARLES (L) VORTAC 112.2 CCV Chan 59 N37°20.85′ W75°59.86′ 042° 21.2 NM to fld. 10/10W.
NDB (MHW) 336 BDB N37°34.22′ W75°47.90′ 032° 4.9 NM to fld.
ILS 110.15 I–MFV Rwy 03. LOC only.



MIDDLE PENINSULA RGNL (See WEST POINT)

MONETA

SMITH MOUNTAIN LAKE (W91) 4 SE UTC−5(−4DT) N37°06.46′ W79°35.55′ — CINCINNATI
892 B S4 **FUEL** 100LL NOTAM FILE DCA — L–26J
RWY 05–23: H3058X50 (ASPH) MIRL 1.2% up NE — IAP
RWY 05: Thld dsplcd 250′. Tree. **RWY 23:** REIL. Tree.
AIRPORT REMARKS: Attended dalgt hours. Parachute Jumping. Deer on and invof arpt. Rwy 23 REIL out of svc indefinitely. Rwy 05–23 MIRL OTS indef.
COMMUNICATIONS: CTAF/UNICOM 122.8
ROANOKE APP/DEP CON 135.0
RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.
LYNCHBURG (L) VORTAC 109.2 LYH Chan 29 N37°15.28′ W79°14.19′ 248° 19.2 NM to fld. 880/05W. **HIWAS.**



MONTEBELLO N37°54.03′ W79°06.41′ NOTAM FILE DCA. — CINCINNATI
(L) VOR/DME 115.3 MOL Chan 100 030° 24.0 NM to Shenandoah Valley Rgnl. 3460/05W. — H–10H, 12H, L–26J
VOR portion unusable: 205°–220° byd 10 NM blo 6000′.
DME portion unusable:
061°–088° byd 35 NM blo 6000′
114°–120° byd 28 NM blo 6500′
154°–220° byd 28 NM blo 8000′
330°–335° byd 30 NM blo 6000′
335°–001° byd 30 NM blo 7000′
RCO 122.1R 115.3T (LEESBURG RADIO)

MOUNTAIN EMPIRE (See MARION/WYTHEVILLE)

NAILR N38°27.26′ W77°54.32′ NOTAM FILE DCA. — WASHINGTON
NDB (MHW) 351 MSQ 037°4.8 NM to Culpeper Rgnl. — L–29E, 34E, 36I, A

NEW KENT CO (See QUINTON)

NEW LONDON (See FOREST)

NEW MARKET (8W2) 2 W UTC−5(−4DT) N38°39.34′ W78°42.48′ — WASHINGTON
975 B S2 **FUEL** 100LL TPA—1800(825) NOTAM FILE DCA — L–22G
RWY 06–24: H2920X60 (ASPH) LIRL (NSTD)
RWY 06: Trees. Rgt tfc. **RWY 24:** Thld dsplcd 900′. Trees.
AIRPORT REMARKS: Attended Mon–Fri 1300–2130Z‡. Unattended Thanksgiving, Christmas and New Years day. Fuel 24 hr credit card svc. Hot air balloons weekends early morning and late afternoon. Deer and birds on and invof rwy. Small holes adjacent to turn around area AER 24. Numerous cracks in rwy, conventional–gear acft be alert. Balloon repair station. Rwy 06–24 10′ trees along fenceline parallel to rwy along south side. Rwy 06 lgtd thld relocated 100′ and Rwy 24 lgtd thld relocated 930′ for night ops, 2020′ Rwy 06–24 lgts at ngt. Arpt lights opr dusk–0300Z‡. Rotating bcn ops dusk–0300Z‡. Rwy 06–24 NSTD LIRL thld lgts one fixture each side.
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
LINDEN (L) VORTAC 114.3 LDN Chan 90 N38°51.26′ W78°12.33′ 249° 26.4 NM to fld. 2440/06W.

NEWPORT NEWS/WILLIAMSBURG INTL (PHF) 9 NW UTC−5(−4DT) **WASHINGTON**
N37°07.91′ W76°29.58′ **H–10I, 12H, L–34E, 35D, 36H**
42 B S4 **FUEL** 100LL, JET A OX 4 LRA Class I, ARFF Index B NOTAM FILE PHF **IAP, AD**

RWY 07–25: H8003X150 (CONC–GRVD) S–100, D–200, ST–175, DT–350 HIRL
RWY 07: MALSR. Trees.
RWY 25: REIL. VASI(V4L)—GA 3.0° TCH 55′. Trees.
RWY 02–20: H6526X150 (CONC–GRVD) S–100, D–200, ST–175, DT–350 HIRL
RWY 02: VASI(V4L)—GA 3.0°TCH 61′.
RWY 20: REIL. VASI(V4L)—GA 3.0°TCH 42′. Road.

LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 20	07–25	5200
RWY 25	02–20	6550

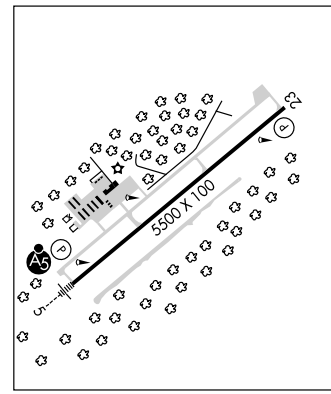


AIRPORT REMARKS: Attended continuously. PPR 45 minutes for unscheduled air carrier ops with more than 30 passenger seat call arpt manager 757–877–0221. Birds and deer on and invof arpt. Twy L and Twy J clsd indef. Rwy 07-25 less than full length and width is grooved. When twr clsd HIRL Rwy 02–20; VASI Rwy 02 and Rwy 20; REIL Rwy 20; HIRL Rwy 07–25 and twy lgts on continuously. Rwy 07 MALSR unmonitored. Ldg fee for acft over 12,500 lbs. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (757) 874–3682.
COMMUNICATIONS: CTAF 118.7 **ATIS** 128.65 **UNICOM** 122.95
RCO 122.65 122.2 (LEESBURG RADIO)
Ⓡ **NORFOLK APP CON** 125.7 Ⓡ**NORFOLK DEP CON** 124.9 **CLNC DEL** 124.9 (when twr clsd)
TOWER 118.7 (1100–0400Z‡.) **GND CON** 121.9 **CLNC DEL** 121.65 **PRE TAXI CLNC** 121.65
AIRSPACE: CLASS D svc effective 1100–0400Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.
NORFOLK (H) VORTAC 116.9 ORF Chan 116 N36°53.51′ W76°12.02′ 323° 20.1 NM to fld. 20/07W.
HENRY NDB (MHW) 375 PJS N37°07.97′ W76°29.59′ at fld. NOTAM FILE DCA.
ILS/DME 110.1 I–PHF Chan 38 Rwy 07. Class IA. Unmonitored when tower closed.
ILS/DME 110.1 I–DHY Chan 38 Rwy 25. Class IE.
ILS/DME 109.3 I–FJQ Chan 30 Rwy 20. (LOC only)

NEW RIVER VALLEY (See DUBLIN)

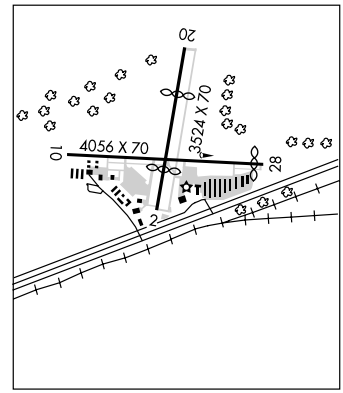
NORFOLK

CHESAPEAKE RGNL (CPK) 12 S UTC−5(−4DT) N36°39.94′ W76°19.24′ **WASHINGTON**
19 B S4 **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE CPK **H–10I, 12H, L–35D**
RWY 05–23: H5500X100 (ASPH–GRVD) S–30 HIRL **IAP**
RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 42′. Tree.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 42′. Tree. Rgt tfc.



AIRPORT REMARKS: Attended 1300–0100Z‡. For fuel after hrs call in advance 757–421–9000. Self-svc avbl. Deer and geese on and invof rwy. Small trees along east side of rwy approximately 400′ to 500′ off rwy centerline. Noise abatement procedures in effect; ctc arpt manager 757–432–8110. TPA 1019(1000), turbine/large acft 1519(1500). ACTIVATE HIRL Rwy 05–23, MALSR Rwy 05 and REIL Rwy 23—CTAF.
WEATHER DATA SOURCES: AWOS–3 123.675 (757) 421–0252.
COMMUNICATIONS: CTAF 123.05 **UNICOM** 123.075
Ⓡ **NORFOLK APP/DEP CON** 118.9 **GCO** 135.075 (NORFOLK CLNC)
RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.
NORFOLK (H) VORTAC 116.9 ORF Chan 116 N36°53.51′ W76°12.02′ 210° 14.8 NM to fld. 20/07W.
CHESI NDB (MHW–LOM) 233 EY N36°35.99′ W76°22.91′ 046° 4.9 NM to fld.
ILS/DME 111.7 I–EYK Chan 54 Rwy 05. Class IB. LOM CHESI NDB. LOM unusable byd 15 NM.

HAMPTON ROADS EXECUTIVE (PVG) 7 SW UTC−5(−4DT) N36°46.81′ W76°26.93′ **WASHINGTON**
23 B S4 **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE DCA **L–35D, 36H**
RWY 10–28: H4056X70 (ASPH) S–12.5 MIRL **IAP**
RWY 10: Hill. Rgt tfc, fixed wing acft.
RWY 28: Thld dsplcd 200′. Trees.
RWY 02–20: H3524X70 (ASPH) S–12.5 MIRL
RWY 02: Thld dsplcd 898′. Road.
RWY 20: Thld dsplcd 928′. Trees. Rgt tfc, fixed wing acft.
AIRPORT REMARKS: Attended Apr–Oct 1300–0100Z‡, Nov–Mar 1300–2300Z‡. Extensive helicopter training. Deer on and invof arpt. 1049 ft MSL towers 1.5 NM NW of field. Rwy 10–28 preferred use rwy. Multiple +1000′ AGL towers 1.5 NM northwest of afld. TPA—700(677) for helicopters. ACTIVATE MIRL Rwy 02–20 and Rwy 10–28—CTAF.
WEATHER DATA SOURCES: AWOS–3 118.375 (757) 465–2175.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **NORFOLK APP/DEP CON** 118.9
RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.
NORFOLK (H) VORTAC 116.9 ORF Chan 116 N36°53.51′ W76°12.02′ 248° 13.7 NM to fld. 20/07W.



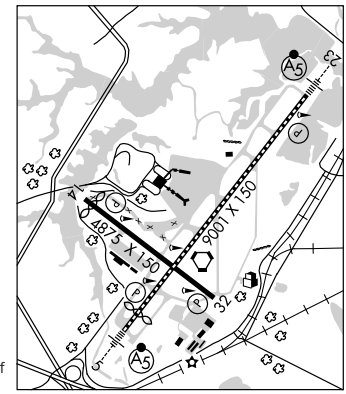
NORFOLK INTL (ORF) 3 NE UTC−5(−4DT) N36°53.68′ W76°12.07′ **WASHINGTON**
26 B S4 **FUEL** 100LL, JET A OX 1, 2, 4 LRA Class I, ARFF Index C **H–10I, 12H, L–35D, 36H**
NOTAM FILE ORF **IAP, AD**
RWY 05–23: H9001X150 (ASPH–CONC–GRVD) S–150, D–200, ST–175, DT–350, DDT–475 HIRL CL
RWY 05: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 67′. Thld dsplcd 1000′. Trees. Rgt tfc.
RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 55′. Trees.
RWY 14–32: H4875X150 (ASPH–GRVD) S–75, D–100, ST–127 MIRL
RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 34′. Thld dsplcd 213′. Tree. Rgt tfc.
RWY 32: REIL. PAPI(P2L)—GA 3.0° TCH 33′. Tree.
LAND AND HOLD SHORT OPERATIONS

LANDING	HOLD SHORT POINT	DIST AVBL
RWY 14	05–23	2850
RWY 23	14–32	6300

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05:	TORA–9001	TODA–9001	ASDA–9001	LDA–8001
RWY 14:	TORA–4875	TODA–4875	ASDA–4875	LDA–4662
RWY 23:	TORA–9001	TODA–9001	ASDA–9001	LDA–9001
RWY 32:	TORA–4875	TODA–4875	ASDA–4875	LDA–4875

AIRPORT REMARKS: Attended continuously. Parachute Jumping. Flocks of birds on and invof arpt. Twy D clsd indef. Noise abatement procedures in effect. Rwy 05–23 center portion asph, 1500′ each end conc. Rwy 05–23 grooved 7300 ft X130 ft standard grooving beginning 200 ft from approach end Rwy 05. Ldg fee. Flight Notification Service (ADCUS) available.
WEATHER DATA SOURCES: ASOS (757) 460–9348. WSP.
COMMUNICATIONS: ATIS 127.15 757–464–1390
RCO 122.1R 116.9T (LEESBURG RADIO)
Ⓡ **APP CON** 118.9(010°–080°) (180°–310°) Ⓡ**DEP CON** 125.2
TOWER 120.8 **GND CON** 121.9 **CLNC DEL** 118.5
AIRSPACE: CLASS C svc continuous ctc **APP CON** 125.7(311°–009°) 118.9(010°–080°) (180°–310°)
RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.
(H) VORTAC 116.9 ORF Chan 116 N36°53.51′ W76°12.02′ at fld. 20/07W.
VORTAC unusable byd 30 NM blo 2500′.
INGLE NDB (LOM) 329 OR N36°50.43′ W76°15.08′ 046° 4.1 NM to fld.
ILS/DME 109.1 I–ORF Chan 28 Rwy 05. Class IB. LOM INGLE NDB. GS unusable for coupled apch blo 744′.
ILS/DME 109.1 I–JZQ Chan 28 Rwy 23. Class IA.



NORFOLK NS (CHAMBERS FLD) (NGU)(KNGU) N 0 NW UTC−5(−4DT) **WASHINGTON**
N36°56.25′ W76°17.36′ **H–10I, 12H, L–35D, 36H**
17 B AOE NOTAM FILE DCA Not insp. **DIAP, AD**

RWY 10–28: H8371X200 (ASPH–CONC–GRVD) PCN 47 R/B/W/T HIRL CL
RWY 10: ALSF2. OLS. TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 35′. Thld dsplcd 304′.
RWY 28: SSALS. OLS. TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 37′. Thld dsplcd 995′. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION
RWY 10: LDA–8067
RWY 28: LDA–7376

ARRESTING GEAR/SYSTEMS
RWY 10: HOOK E28(B)(1500′) HOOK E28(B)(1060′) **RWY 28**

MILITARY SERVICE: A–GEAR Avoid centerline lgt Rwy 10–28 during cable engagement to prevent tailhook skip. Distance Rwy 28 measured from dsplcd thld. E–28(B) in raised position at dep end of rwy only. Short–fld gear avbl with 20 minutes prior notice. **JASU** (NC10–C) (NC–8A/A1) (NCPP–105 Ctc Air Ops Duty Officer to ensure avbl.) **FUEL** J5. No tran helicopter hot pit without prior coordination with host squadron.
FLUID ADI SP PRESAIR LHOX LOX **OIL** O–128–132–133–148–156 **TRAN ALERT** Limited tran maintenance avbl weekdays only 1200–2000Z‡. Tran maintenance unavbl other times. 2 hr prior notice required for LOX. Lavatory svc unavbl for C–130 acft. Potable water unavbl.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remark. **RSTD** PPR only DSN 262–3419/3429. AMC/ATOC DSN 564–4735/3922, C757–444–4735/3922. Acft utilizing AMC terminal ctc ATOC/AMC terminal 15 min prior arr with load report. Acft overseas ctc AMC/ATOC via phone patch 2 hr prior arr for CSTMS. All other acft, ctc Base Ops 15 min prior arr. **CAUTION** Extensive fish spotter acft activity (single engine general aviation acft) upwards from 1500′ over Chesapeake Bay and adjacent coastal waters. Arriving/departing Traffic Collision Avoidance System equipped acft expect numerous Traffic Collision Avoidance System alerts from ships or transiting into/out of the Chesapeake and coastal waters. Extensive VFR tfc opr west of Chambers Class D and Norfolk Class C Airspace. Bird hazard. **TFC PAT** Basic fixed wing VFR minimums 1000′ and 3 NM. Heliport Rwy 09R–27L, emerg use only. **NS ABTMT** No practice apch Mon–Sat 0400–1200Z‡, Sun 0400–1800Z‡. No helicopter overflight Willoughby Spit except via Point Xray (Chambers TACAN R–042/1.5 DME) at 500′.

WEATHER DATA SOURCES: ASOS DSN 564–9173 C(757) 444–9173.

COMMUNICATIONS: SFA **ATIS** 118.425 342.0
Ⓡ **APP CON** 118.9 273.475 (010°–310°) 125.7 335.625 (311°–009°)
CHAMBERS TOWER 124.3 290.5 379.15 **GND CON** 121.8 370.85 **CLNC DEL** 120.7 348.0
Ⓡ **DEP CON** 363.125
NAVYNORFOLK HELI TWR 126.375 290.5 Opr Mon–Fri 1300–0400Z‡, clsd Sat, Sun, and holidays.
NAVYNORFOLK HELI GND CON 298.95 **AMC/ATOC** 130.65 349.5 **METRO** 271.6 **BASE OPS** 131.525 268.8

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.
(H) VORTAC 116.9 ORF Chan 116 N36°53.51′ W76°12.02′ 310° 5.1 NM to fld. 20/07W.
CHAMBERS (L) TACAN Chan 86Y NGU (113.95) N36°56.40′ W76°16.64′ at fld. 24/10W. NOTAM FILE NGU.
TACAN unusable:
190°–195° byd 35 NM
261°–269° byd 20 NM
ILS/DME 108.95 I–NGU Chan 26(Y) Rwy 10. No NOTAM MP Wed 1230–1630Z‡.
ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

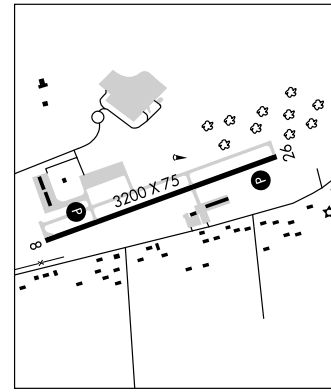
OCEANA NAS (APOLLO SOUCEK FLD) (NTU)(KNTU) N 3 SW UTC−5(−4DT) **WASHINGTON**
N36°49.36′ W76°01.91′ **H–10I, 12H, L–35D**
23 B NOTAM FILE DCA Not insp. **DIAP, AD**

RWY 05R–23L: H12000X200 (PEM) PCN 50 R/C/W/T HIRL CL
RWY 05R: ALSF1. OLS. **RWY 23L:** ALSF1. OLS.
RWY 05L–23R: H8001X150 (CONC) PCN 18 R/C/W/T HIRL
RWY 05L: OLS. **RWY 23R:** OLS.
RWY 14L–32R: H8001X150 (CONC) PCN 19 R/C/W/T HIRL
RWY 14L: OLS. **RWY 32R:** OLS.
RWY 14R–32L: H8000X200 (PEM) PCN 58 R/C/W/T HIRL CL
RWY 14R: OLS. **RWY 32L:** ALSF1. OLS.

ARRESTING GEAR/SYSTEMS
RWY 05R: HOOK E28(B) (1416′) HOOK E28(B) (1438′) **RWY 23L**
RWY 05L: HOOK E28(B) (1476′) HOOK E28(B) (1500′) **RWY 23R**
RWY 14L: HOOK E28(B) (1446′) HOOK E28(B) (1500′) **RWY 32R**
RWY 14R: HOOK E28(B) (1420′) HOOK E28(B) (1442′) **RWY 32L**

MILITARY SERVICE: A–GEAR Arresting gear normally rigged all rwys. exc inboard rwy shortfield arresting gear. **JASU** (NC–10C) (NC–108) (NCPP–105 Ctc Air Ops Duty Officer to ensure available.) **FUEL** Limited fuel svc avbl 0300–1300Z‡ due to personnel restriction. Tran hot pit avbl Mon–Fri 1300–0300Z‡, PPR, unavbl weekends/holidays. J5.
FLUID SP LHOX LOX **OIL** O–156 **TRAN ALERT** Tran line Mon–Fri 1230–0330Z‡, Sat–Sun and holidays 1300–2300Z‡. Limited parking/storage facilities. During peak periods extensive delay in tran servicing. JOSAC/NALO have priority. No LAV svc or potable water avbl.
MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** PPR all non-Oceania based acft DSN 433–2162/2163, C757–433–2162/2163. Straight–in apch to final ldg only 0300–1200Z‡, Sun 0300–1800Z‡. Vice final ldg only 0400–1200Z‡, Sun 0400–1800Z‡. Sun all fixed wing and helicopter flight abv 1000′ arr/dep NTU must file IFR flight plan. VFR/special VFR helicopter route mandatory for all helicopter flights at or blo 1000′. **CAUTION** During VMC all dep and practice instrument apch fly rwy heading and do not exceed 1000′ until past dep end due extensive overhead traffic. **TFC PAT** Simultaneous ldg/dep are conducted on parallel rwy located 700′ apart. Extensive jet training Oceana NAS/Fentress NALF. Reduced rwy separation standard in effect USN/USMC acft. During peak periods expect one app to full stop ldg.
NS ABTMT Strict compliance rqr with program outlined in FLIP AP/1 Supplementary Arpt Remark.
CSTMS/AG/IMG Avbl Oceana NAS based tactical acft only. Require 48 hr prior notice to Base Ops. Aircrew rqr to remain in acft until released by Customs.
COMMUNICATIONS: SFA ATIS 317.6
Ⓡ **APP/DEP CON** 119.6 288.3 (NORTH NTU R–360°–150°) 123.9 266.8 (SOUTH NTU R–151°–359°) 323.05
TOWER 127.075 360.2 **GND CON** 336.4 **CLNC DEL** 254.4
PMSV METRO 387.4 **BASE OPS** 284.9 **ATCOM** 6723
RADIO AIDS TO NAVIGATION: NOTAM FILE NTU.
(L) TACAN Chan 113 NTU (116.6) N36°49.45′ W76°02.22′ at fld. 76/10W.
TACAN unusable:
000–059° byd 30 NM blo 3,000′ 210°–239° byd 20 NM blo 4,000′
090°–109° byd 30 NM blo 1,500′ 240°–290° blo 6,000′
110°–199° byd 30 NM blo 2,000′ 291°–339° byd 15 NM blo 5,000′
200°–209° byd 20 NM blo 2,000′ 340°–359° byd 20 NM blo 3,000′
ASR/PAR
COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

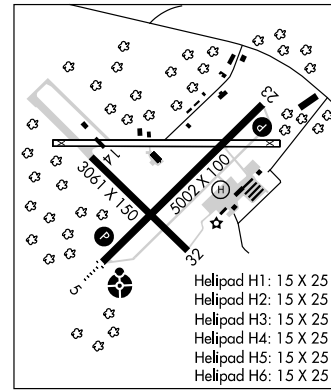
ORANGE CO (OMH) 3 E UTC−5(−4DT) N38°14.83′ W78°02.74′ **WASHINGTON**
465 B S2 **FUEL** 100LL, JET A+ NOTAM FILE OMH **L–34E, 36H, A**
RWY 08–26: H3200X75 (ASPH–AFSC) S–12 MIRL 0.6% up NE **IAP**
RWY 08: REIL. PAPI (P2L)—GA 4.0° TCH 39′. Trees.
RWY 26: REIL. PAPI (P2L)—GA 4.0° TCH 40′. Trees.
AIRPORT REMARKS: Attended 1330–2300Z‡. Fuel 100LL self svc after hrs. Fuel Jet A+ self svc after hrs. Parachute Jumping. ACTIVATE MIRL Rwy 08–26, REIL Rwy 08 and Rwy 26 and PAPI Rwy 08 and Rwy 26—CTAF.
WEATHER DATA SOURCES: AWOS–3 118.075 (540) 672–0505.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **POTOMAC APP/DEP CON** 132.85
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
GORDONSVILLE (H) VORTAC 115.6 GVE Chan 103 N38°00.82′ W78°09.18′ 026° 14.9 NM to fld. 382/06W. **HIWAS.**



PETERSBURG N37°07.81′ W77°34.48′ NOTAM FILE PTB. **WASHINGTON**
NDB (MHW) 284 PTB 053° 4.6 NM to Dinwiddie County. **L–36H**
Unmonitored when arpt unattended.

PETERSBURG

DINWIDDIE CO (PTB) 5 SW UTC−5(−4DT) N37°11.03′ W77°30.44′ **WASHINGTON**
193 B S4 **FUEL** 100LL, JET A TPA—993(800) NOTAM FILE PTB **H–10H, 12H, L–36H**
RWY 05–23: H5002X100 (ASPH–GRVD) S–12.5, ST–83 MIRL **IAP**
RWY 05: REIL. ODALS. PAPI(P4L)—TCH 42′. Tree.
RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Tree.
RWY 14–32: H3061X50 (ASPH) S–4
RWY 14: Tree. **RWY 32:** Tree.
AIRPORT REMARKS: Attended Apr–Oct Mon–Fri 1300–0000Z‡, Apr–Oct. Sat–Sun 1200–0000Z‡, Nov–Mar Mon–Fri 1300–2300Z‡, Nov–Mar Sat–Sun 1200–2300Z‡. Self–svc fueling available after hrs. Rwy 14–32 some cracking mainly at the Rwy 14 end. Rwy 14–32 broken pavement on shoulders byd 25 ft left and right of centerline. Rwy 14–32 gross weight limited by arpt operator to 4000 lbs single wheel gear. Ultralight activity on and invof arpt. ACTIVATE MIRL Rwy 05–23, PAPI Rwy 05 and Rwy 23, ODALS Rwy 05 and REIL Rwy 05 and Rwy 23—CTAF.
WEATHER DATA SOURCES: AWOS–3 133.325 (804) 861–5551.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **POTOMAC APP/DEP CON** 134.7 **GCO** 135.075 (POTOMAC CLNC)
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HOPEWELL (L) VORTAC 112.0 HPW Chan 57 N37°19.73′ W77°06.96′ 251° 20.7 NM to fld. 70/06W. **HIWAS.**
NDB (MHW) 284 PTB N37°07.81′ W77°34.48′ 053° 4.6 NM to fld. NOTAM FILE PTB. Unmonitored when arpt unattended.
ILS 110.3 I–JLS Rwy 05. LOC only. Unmonitored when arpt unattended.



HELIPAD H1: H15X25 (CONC)
HELIPAD H2: H15X25 (CONC)
HELIPAD H3: H15X25 (CONC)
HELIPAD H4: H15X25 (CONC)
HELIPAD H5: H15X25 (CONC)
HELIPAD H6: H15X25 (CONC)

PULASKI N37°05.26′ W80°42.77′ NOTAM FILE PSK. **CINCINNATI**
(H) VORTAC 116.8 PSK Chan 115 031°2.9 NM to New River Valley. 2120/06W. **H–10H, 12H, L–26I**
HIWAS.
DME portion unusable:
034°–038° byd 25 NM
135°–175° byd 25 NM blo 10,000′
200°–225° byd 10 NM
284°–286° byd 10 NM blo 10,000′
287°–316° byd 25 NM blo 10,000′
315°–335° byd 10 NM blo 10,000′
334°–039° byd 25 NM blo 10,000′
RCO 122.1R 116.8T (LEESBURG RADIO)
RCO 122.3 (LEESBURG RADIO)

QUANTICO MCAF (TURNER FLD) (NYG) MC 1 S UTC−5(−4DT) N38°30.22′ W77°18.30′ **WASHINGTON**
10 B NOTAM FILE DCA Not insp. **L–29E, 34E, 36I, A**
RWY 02–20: H4250X200 (ASP) PCN 51 R/B/W/T HIRL **DIAP, AD**
RWY 02: PAPI.
MILITARY SERVICE: LGT Rwy 02 PAPI and PAR runway point of intercept not coincident.Rwy 02 centerline lighting first 1000′. **FUEL** J8. **TRAN ALERT** No transient maintenance avbl. Require qualified crew member to assist in cold refueling.
MILITARY REMARKS: Opr Mon–Thur 1300–0200Z‡, Fri 1300–2200Z‡, closed Sat, Sun and holidays. **RSTD** All tran acft 24 hr PPR; Ops chief DSN 278–2085/2908, C703–784–2085/2908. After 2200Z‡ and on weekends call DSN 278–0920, C703–432–0920, C703–675–4144 for PPR. All tailhook acft requiring A-gear ldg, advance notice required. Requesting unit must coordinate with MWSS via Marine Corps Air Facility Quantico ops officer in charge. Clsd fld opr not authorized for tran acft.
CAUTION Twy C clsd indef. Limited Visiting Acft Line parking. Bird hazard vicinity Rwy 02–20 SR–SS. Heavy migratory bird activity Oct–Feb. **NS ABTMT** The area in and around the Quantico Class D Airspace is noise sensitive. Helicopters transit Quantico Class D Airspace at or abv 500′ AGL. **CUSTOMS/AGRICULTURE/IMMIGRATION: CSTMS/AG/IMG** Avbl with 72 hr prior notice PPR only. **MISC** MCAF Quantico and R–6608 lie within the Washington ADIZ. Pilots must adhere to ADIZ reporting procedures in both these areas. Category II crash/fire rescue svc. Rwy 02 and Rwy 20 grooved first 1300′. MCAF Quantico has no provisions for Space A passengers. Space A passengers cannot be on–loaded or off–loaded due to security issues.
COMMUNICATIONS: SFA **ATIS** 263.15 (Mon and Fri 1300–2200Z‡, Tue 1600–0200Z‡, Wed–thu 1300–0200Z‡)
Ⓡ **ARRIVAL** 127.05 290.375 (Mon 1600–2200Z‡, Tue–Thur 1300–0200Z‡, Fri 1300–2200Z‡, open Sat, Sun and holidays by NOTAM only)
Ⓡ **POTOMAC APP/DEP CON** 124.65 306.925
TOWER 118.6 360.2 (Mon–Thur 1300–0200Z‡, Fri 1300–2200Z‡, closed Sat, Sun and holidays.)
GND CON 121.75 340.2
PMSV METRO/BASE OPS 355.3
AIRSPACE: CLASS D svc Mon–Thur 1300–0200Z‡, Fri 1300–2200Z‡, closed Sat, Sun, and holidays, other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
BROOKE (L) VORTAC 114.5 BRV Chan 92 N38°20.18′ W77°21.18′ 022° 10.3 NM to fld. 145/9W.
ASR/PAR (Mon 1600–2200Z‡, Tue–Thu 1300–0200Z‡, Fri 1300–2200Z‡, open Sat, Sun and holidays by NOTAM only)
COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

QUINTON

NEW KENT CO (W96) 8 W UTC−5(−4DT) N37°30.21′ W77°07.59′ — WASHINGTON L–34E, 36H IAP

123 B **FUEL** 100LL TPA—923(800) NOTAM FILE DCA

RWY 10–28: H3600X75 (ASPH) S–12.5 MIRL

RWY 10: REIL. PAPI(P2R)—GA 4.0° TCH 45′. Tree.

RWY 28: REIL. PAPI(P2L)—GA 4.0° TCH 45′. Tree.

AIRPORT REMARKS: Attended 1400–2200Z‡. Fuel avbl 24 hrs, credit card required when unattended. Deer on and in vicinity of arpt. Ultralight activity on and in vicinity of arpt. Rotating bcn not visible when approaching from the north. MIRL and REIL Rwy 10–28 preset low ints; to increase ints ACTIVATE—CTAF.

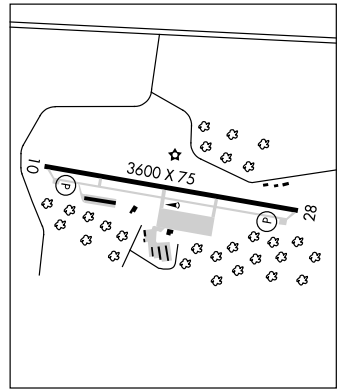
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **POTOMAC APP/DEP CON** 126.4

GCO 135.075 (POTOMAC CLNC) OTS indef.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HOPEWELL (L) VORTAC 112.0 HPW Chan 57 N37°19.73′ W77°06.96′ 003° 10.5 NM to fld. 70/06W. **HIWAS.**



RICHLANDS

TAZEWELL CO (JFZ) 2S UTC−5(−4DT) N37°03.83′ W81°47.90′ — CINCINNATI L–26I IAP

2653 B **FUEL** 100LL, JET A+ NOTAM FILE 6V3

RWY 07–25: H4300X75 (ASPH) S–12.5, D–18 MIRL

RWY 07: REIL. PAPI(P2L)—GA 4.0°. Tree.

RWY 25: REIL. PAPI(P2L)—GA 4.0° TCH 53′. Tree.

AIRPORT REMARKS: Attended 1300–2300Z‡. MIRL Rwy 07–25 preset low ints; to increase ints and ACTIVATE REIL Rwy 07, Rwy 25 and PAPI Rwy 07 and Rwy 25—CTAF.

WEATHER DATA SOURCES: AWOS–3 118.075 (276) 596–9927.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **INDIANAPOLIS CENTER APP CON** 126.575

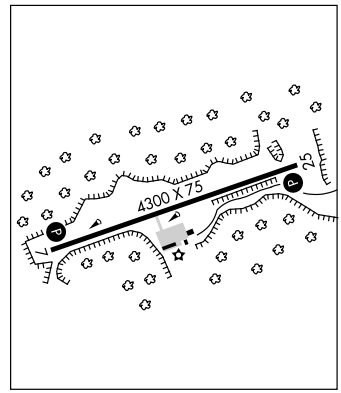
Ⓡ **ATLANTA CENTER DEP CON** 132.9

GCO 135.075 (ATLANTA CLNC and DCA FSS)—unreliable.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GLADE SPRING (L) VOR/DME 110.2 GZG Chan 39 N36°49.51′ W82°04.74′ 045° 19.7 NM to fld. 4200/02W. **HIWAS.**

ILS/DME 109.75 I–JFZ Chan 34(Y) Rwy 25. LOC only. DME unusable byd 17 NM blo 5900′.



RICHMOND

N37°30.14′ W77°19.22′ NOTAM FILE RIC. — WASHINGTON H–10H, 12H, L–34E, 36H

(H) VORTAC 114.1 RIC Chan 88 at Richmond Intl. 159/09W.

RCO 122.4 122.2 122.1R 114.1T (LEESBURG RADIO)

RICHMOND

CHESTERFIELD CO (FCI) 4 SW UTC−5(−4DT) N37°24.39′ W77°31.49′ **WASHINGTON**
236 B S4 **FUEL** 100LL, JET A OX 3 TPA—See Remarks LRA NOTAM FILE DCA **H–10H, 12H, L–36H**
RWY 15–33: H5500X100 (ASPH–GRVD) S–60, D–80 HIRL 0.7% up NW **IAP**

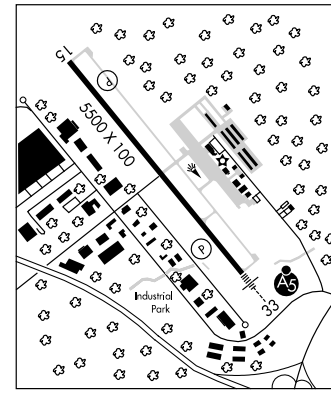
RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 42′. Antenna.
RWY 33: MALSR. PAPI(P4L)—GA 3.0° TCH 53′. Pole.

AIRPORT REMARKS: Attended 1200–0300Z‡. Fuel after hrs call 804–271–7793 between 0300–1200Z‡. 400 ft twr 5 NM N arpt. Aircraft on ILS approach to Richmond Intl crossing over arpt. Noise sensitive area north of arpt. No wind voluntary use of Rwy 15 preferred. Med–flight, irregular departure pattern. Helicopter parking adjacent to Twy C. Rwy 15 REIL OTS indef. TPA—1236(1000) single engine, 1736(1500) multi–engine. HIRL Rwy 15–33 preset low ints; increase ints and ACTIVATE MALSR Rwy 33 and REIL Rwy 15—CTAF.

WEATHER DATA SOURCES: AWOS–3 128.625 (804) 271–8426.

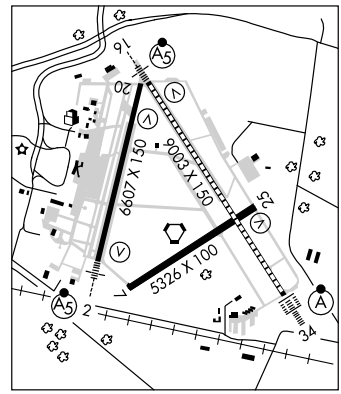
COMMUNICATIONS: CTAF/UNICOM 123.05
FLAT ROCK RCO 122.1R 113.3T (LEESBURG RADIO)
Ⓡ **POTOMAC APP/DEP CON** 134.7 **POTOMAC CLNC DEL** 124.6

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
FLAT ROCK (H) VORTAC 113.3 FAK Chan 80 N37°31.71′ W77°49.69′ 123° 16.2 NM to fld. 460/06W.
ILS/DME 108.3 I–CFU Chan 20 Rwy 33. Class IB. LOC/DME unmonitored when arpt unattended.



RICHMOND INTL (RIC) 6 E UTC−5(−4DT) N37°30.31′ W77°19.18′ **WASHINGTON**
167 B S4 **FUEL** 100LL, JET A OX 3, 4 TPA—See Remarks LRA **H–10H, 12H, L–34E, 36H**
Class I, ARFF Index C NOTAM FILE RIC **IAP, AD**

RWY 16–34: H9003X150 (ASPH–GRVD) S–125, D–200, ST–175, DT–340 HIRL CL
RWY 16: MALSR. VASI(V4L)—GA 3.0°TCH 56′.
RWY 34: ALSF2. TDZL.
RWY 02–20: H6607X150 (ASPH–GRVD) S–125, D–200, ST–175, DT–340 HIRL
RWY 02: MALSR. VASI(V4R)—GA 3.0°TCH 53′. Pole.
RWY 20: REIL. VASI(V4L)—GA 3.0°TCH 52′. Tree.
RWY 07–25: H5326X100 (ASPH–GRVD) S–125, D–200, ST–175, DT–340 HIRL
RWY 07: Railroad.
RWY 25: REIL. VASI(V4L)—GA 3.0° TCH 52′. Tree.



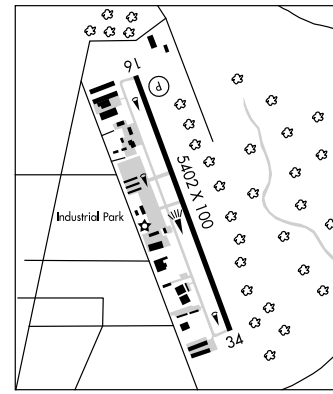
RUNWAY DECLARED DISTANCE INFORMATION
RWY 02: TORA–6607 TODA–6607 ASDA–6607 LDA–6607
RWY 07: TORA–5326 TODA–5326 ASDA–5326 LDA–5326
RWY 16: TORA–9003 TODA–9003 ASDA–9003 LDA–9003
RWY 20: TORA–6607 TODA–6607 ASDA–6607 LDA–6607
RWY 25: TORA–5326 TODA–5326 ASDA–5326 LDA–5326
RWY 34: TORA–9003 TODA–9003 ASDA–9003 LDA–9003

AIRPORT REMARKS: Attended continuously. Tower 245 ft AGL 2.5 NM NW; unlighted. 220 ft MSL crane (mkd and lgtd) 5.4 NM south of arpt. Bird activity invof all rwys and twys and invof arpt. Non-radio equipped vehicles crossing midfield Twys C, E, and H and driving on Twy L south of Rwy 07–25. No practice landings 0300–1200Z‡. Hold line Rwy 20 east side located across Rwy 34 150′ from dep end. Hold line Rwy 20 west side across Twy A and also serves as hold line for Rwy 16; signage indicates both rwys. Due to the close proximity to Rwy 02–20, Twy U signage may be behind acft, once clear of Rwy 02–20. ATC clearance required for pushbacks onto movement areas. All acft with wingspans greater than 118′ and wheel bases greater than 59′ are restricted from using Twys J, K, R, (between Twy A and FSDO ramp), S, T (south of Twy J), and V (west of Twy A). Twys M, M1, M2, M3 and Twy R west of FSDO designated for acft with wingspan less than 79′. Twy A between Twy C and Twy E restricted from use by acft wingspans greater than 171′. Twy T (north of Twy F) restricted from use by acft with wingspans greater than 118′. Intersection requires judgemental oversteering. Air carrier apron clsd to unscheduled acft weighing under 35,000 lbs. No edge lgts on Twys M and S—reflectors only. The following areas not visible from the twr: portions of the air carrier apron, Army National Guard acft parking ramp. TPA–1200(1033) single engine, lgt acft, 1700(1533) all others. Ldg fee. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (804) 236–1091.
COMMUNICATIONS: ATIS 119.15 **UNICOM** 122.95
FLAT ROCK RCO 122.1R 113.3T (LEESBURG RADIO)
RCO 122.4 122.2 122.1R 114.1T (LEESBURG RADIO)
Ⓡ **POTOMAC APP CON** 126.4 (031°–170°) 134.7 (171°–320°) 126.8 (321°–030°) 118.2
TOWER 121.1 **GND CON** 121.9 **POTOMAC CLNC DEL** 127.55
Ⓡ **POTOMAC DEP CON** 126.4 (031°–170°) 134.7 (171°–320°) 126.8 (321°–030°)
AIRSPACE: CLASS C svc continuous ctc **APP CON**
RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.
(H) VORTAC 114.1 RIC Chan 88 N37°30.14′ W77°19.22′ at fld. 159/09W.
ILS 110.9 I–EZD Rwy 02. Class IT.
ILS 110.7 I–BNE Rwy 34. Class IIIE.
ILS 110.7 I–RGJ Rwy 16. Class IA.

RICHMOND/ASHLAND

HANOVER CO MUNI (OFP) 8 N UTC−5(−4DT) N37°42.54′ W77°26.20′ **WASHINGTON**
207 B S4 **FUEL** 100LL, JET A OX 1, 2, 3, 4 TPA—1007(800) NOTAM FILE OFP **H–10H, 12H, L–34E, 36H**
RWY 16–34: H5402X100 (ASPH–PFC) S–40 MIRL **IAP**
RWY 16: REIL. PAPI(P4L). Tree. **RWY 34:** REIL. Trees.
AIRPORT REMARKS: Attended Apr–Sep 1200–0200Z‡, Oct–Mar 1200–0000Z‡. For acft svcs call 804–798–6500. Deer and birds on and invof arpt. Noise sensitive area S of arpt. ACTIVATE MIRL Rwy 16–34; REIL Rwys 16 and 34—CTAF.
WEATHER DATA SOURCES: ASOS 119.025 (804) 752–2902 (Except thunderstorm.)
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **POTOMAC APP/DEP CON** 134.7 **POTOMAC CLNC DEL** 125.4
RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.
RICHMOND (H) VORTAC 114.1 RIC Chan 88 N37°30.14′ W77°19.22′ 345° 13.6 NM to fld. 159/09W.
ILS/DME 109.7 I–OFP Chan 34 Rwy 16. LOC only. LOC unmonitored when arpt unattended.



ROANOKE RGNL/WOODRUM FIELD (ROA) 3 NW UTC−5(−4DT) **CINCINNATI**
N37°19.53′ W79°58.53′ **H–10H, 12H, L–26J**
1175 B S4 **FUEL** 100LL, JET A OX 1, 2, TPA—1975(800) Class I, ARFF Index B **IAP, AD**
NOTAM FILE ROA
RWY 06–24: H6800X150 (ASPH–GRVD) S–150, D–200, ST–175, DT–310 HIRL
RWY 06: REIL. MALSR. VASI(V4L)—GA 3.0°TCH 58′.
RWY 24: REIL. Thld dsplcd 790′.
RWY 15–33: H5810X150 (ASPH–GRVD) S–150, D–200, ST–175, DT–310 HIRL 0.4% up NW
RWY 33: MALSR. PAPI (P4L)—GA 3.0° TCH 63′. Tower.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–6800 TODA–6800 ASDA–6800 LDA–6800
RWY 15: TORA–5810 TODA–5810 ASDA–5810 LDA–5810
RWY 24: TORA–6800 TODA–6800 ASDA–6800 LDA–6010
RWY 33: TORA–5810 TODA–5810 ASDA–5810 LDA–5810
ARRESTING GEAR/SYSTEM
RWY 33: EMAS
AIRPORT REMARKS: Attended continuously. Large flocks of birds invof arpt. Take off Rwy 33 and landings Rwy 15 not authorized at night nor during IFR conditions due to terrain. Transient pilots ctc FBO UNICOM freq 122.95 for acft parking and escort.



WEATHER DATA SOURCES: ASOS (540) 265–0680. LLWAS.
COMMUNICATIONS: ATIS 134.95 **UNICOM** 122.95
ROANOKE RCO 122.6 122.2 122.1R 109.4T (LEESBURG RADIO)
Ⓡ **ROANOKE APP/DEP CON** 126.9 (Rwy 15–33 151°–359°, Rwy 06 075°–234°) 118.15 (Rwy 15–33 360°–150°, Rwy 06 235°–074°)
TOWER 118.3 **GND CON** 121.9 **CLNC DEL** 119.7
AIRSPACE: CLASS C svc continuous ctc **APP CON**
RADIO AIDS TO NAVIGATION: NOTAM FILE ROA.
(L) VORTAC 109.4 ROA Chan 31 N37°20.61′ W80°04.23′ 107° 4.7 NM to fld. 3060/04W. DME unusable 270°–005° beyond 20 NM below 6000′.
WOODRUM (T) VORW 114.9 ODR N37°19.45′ W79°58.74′ at fld.
VINTON NDB (MHW) 277 VIT N37°12.24′ W79°52.90′ 334° 8.6 NM to fld. NDB unusable beyond 10 NM.
ILS 109.7 I–ROA Rwy 33. CLASS IB.
LDA/DME 111.1 I–SZK Chan 48 Rwy 06. LDA located 1202′ inboard of Rwy 06 thld and 1100′ right of rwy centerline, offset angle 14° 41″. GS aimed parallel to localizer course. ILS unusable 1.4 DME (JOKNI) inbound.

RONALD REAGAN WASHINGTON NATL (See DISTRICT OF COLUMBIA, WASHINGTON)

SALUDA

HUMMEL FLD (W75) 6 E UTC−5(−4DT) N37°36.15′ W76°26.80′ — WASHINGTON L–34E, 36I IAP

30 B S4 **FUEL** 100LL NOTAM FILE DCA

RWY 01–19: H2270X45 (ASPH) S–12.5 MIRL 0.3% up S

RWY 01: APAP(PNIL). Thld dsplcd 135′. Road.

RWY 19: APAP(PNIR). Tree.

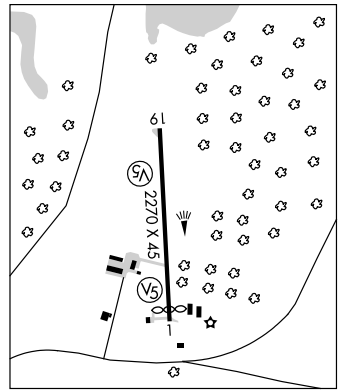
AIRPORT REMARKS: Attended 1300–2100Z‡. Unattended Thanksgiving and Christmas day. Drainage swales full length of rwy on both sides. Use of exit in front of Hummel Aviation advised. Birds and deer on and invof of arpt during winter. Acft hold short 75 ft of existing NSTD hold position bars. Departing Rwy 01–19 climb to 500 ft before any turn out; arriving acft use wide pattern to avoid populated areas E and W of arpt. Rwy 01 has NSTD thld lgts, has second set of green lgts. Rwy 01 has NSTD dsplcd thld markings. Rwy 19 has NSTD markings. No thld bar. Previous markings visible certain lgtg conditions. ACTIVATE MIRL Rwy 01–19—CTAF.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **NORFOLK APP/DEP CON** 126.05

RADIO AIDS TO NAVIGATION: NOTAM FILE RDU.

HARCUM (L) VORTAC 108.8 HCM Chan 25 N37°26.92′ W76°42.68′ 061° 15.6 NM to fld. 8/07W.



SHANNON (See FREDERICKSBURG)

SHENANDOAH VALLEY RGNL (See STAUNTON/WAYNESBORO/HARRISONBURG)

SMITH MOUNTAIN LAKE (See MONETA)

SOUTH BOSTON N36°40.50′ W79°00.87′ NOTAM FILE DCA. — WASHINGTON H–9C, L–26K, 36G

(L) VORTAC 110.4 SBV Chan 41 080° 8.3 NM to William M. Tuck. 530/05W.

RCO 122.1R 110.4T (LEESBURG RADIO)

SOUTH BOSTON

WILLIAM M TUCK (W78) 3 E UTC−5(−4DT) N36°42.56′ W78°50.90′ — WASHINGTON L–26K, 36G IAP

420 B S4 **FUEL** 100LL TPA—1220(800) NOTAM FILE DCA

RWY 01–19: H4003X75 (ASPH) S–12.5 MIRL 0.9% up N

RWY 01: REIL. PAPI(P2L)—GA 30° TCH 52′. Tree.

RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 52′. Hill.

RWY 05–23: 2665X200 (TURF) 0.4% up NE

RWY 05: Thld dsplcd 200′. Trees.

RWY 23: Thld dsplcd 400′. Tree.

AIRPORT REMARKS: Attended 1300–2230Z‡. Terminal open–unattended. Self–fueling with credit card. Deer on and invof rwys. Rwy 05 outlined with yellow cones. ACTIVATE MIRL Rwy 01–19, REIL Rwy 01 and Rwy 19—CTAF. PAPI Rwy 01 and Rwy 19 opr continuously. Rwy 01 REIL OTS indef.

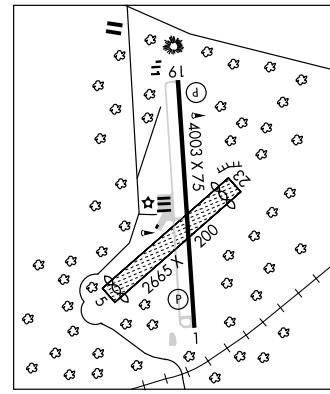
COMMUNICATIONS: CTAF/UNICOM 122.8

SOUTH BOSTON RCO 122.1R 110.4T (LEESBURG RADIO)

WASHINGTON CENTER APP/DEP CON 124.05

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

SOUTH BOSTON (L) VORTAC 110.4 SBV Chan 41 N36°40.50′ W79°00.87′ 080° 8.3 NM to fld. 530/05W.



SOUTH HILL

MECKLENBURG–BRUNSWICK RGNL (AVC) 4 SE UTC−5(−4DT) N36°41.30′ W78°03.27′ — WASHINGTON H–9C, 12H, L–36G IAP

441 B **FUEL** 100LL, JET A TPA—1841(1400) LRA NOTAM FILE AVC

RWY 01–19: H5002X75 (ASPH) S–12.5 MIRL 1.3% up N

RWY 01: REIL. PAPI(P2L)—GA 3.0°. TCH 40′. Trees.

RWY 19: REIL. PAPI(P2L)—GA 3.0°. TCH 40′. Antenna.

AIRPORT REMARKS: Attended dalgt hours. 24 hr fuel avbl by credit card. MIRL Rwy 01–19 and REIL Rwys 01 and 19 preset low ints; for higher ints ACTIVATE—CTAF.

WEATHER DATA SOURCES: AWOS–3 127.525 (434) 729–2229.

COMMUNICATIONS: CTAF/UNICOM 122.8

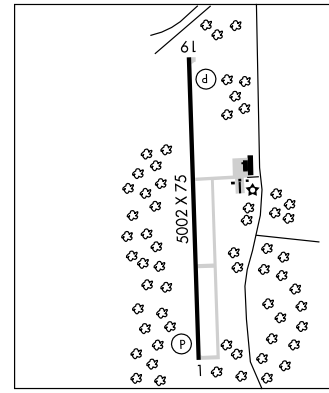
Ⓡ **WASHINGTON CENTER APP/DEP CON** 118.75

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85′ W77°00.74′ 278° 50.3 NM to fld. 90/09W.

JONES NDB (MHW) 373 AEA N36°36.87′ W78°03.19′ 008° 4.4 NM to fld. NOTAM FILE AVC.

ILS 110.5 I–AVC Rwy 01. Localizer only.



STAFFORD RGNL (RMN) 3 SW UTC−5(−4DT) N38°23.89′ W77°27.33′ — WASHINGTON H–10H, 12H, L–29E, 34E, 36I, A IAP

211 B **FUEL** 100LL, JET A NOTAM FILE RMN

RWY 15–33: H5000X100 (ASPH–GRVD) S–30, D–70, ST–89 HIRL 0.8% up NW.

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 45′. Ground. Rgt tfc.

RWY 33: MALS. PAPI(P4L)—GA 3.0° TCH 45′. Trees.

AIRPORT REMARKS: Attended 1200–0000Z‡. Fuel avbl until 0000Z‡, after hrs call 540–288–3838 within 12 hrs notice. Deer and flocks of birds on and invof arpt. ''Fly Friendly'' program in effect, requested that touch and go activity be limited to two (2) every half hr. ACTIVATE HIRL Rwy 15–33—CTAF.

WEATHER DATA SOURCES: AWOS–3 126.325 (540) 657–8283.

COMMUNICATIONS: CTAF/UNICOM 122.725

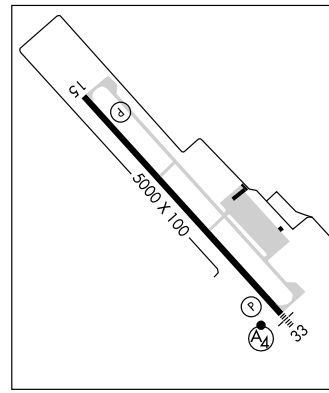
Ⓡ **QUANTICO ARRIVAL** 127.05 (Mon and Fri 1300–2200Z‡, Tue, Wed and Thu 1300–0200Z‡, except Sat, Sun and holidays, other times ctc Ⓡ **POTOMAC APP/DEP CON** 124.65

GCO 135.075 (Quantico and Potomac App Con)

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BROOKE (L) VORTAC 114.5 BRV Chan 92 N38°20.18′ W77°21.18′ 316° 6.1 NM to fld. 145/09W.

ILS/DME 108.75 I–RMN Chan 24(Y) Rwy 33. LOC unusable byd 20° left of course.



STAUNTON/WAYNESBORO/HARRISONBURG

SHENANDOAH VALLEY RGNL (SHD) 10 NE UTC−5(−4DT) N38°15.83′ W78°53.79′ **WASHINGTON**
1201 B S4 **FUEL** 100LL, JET A OX 3, 4 TPA—See Remarks Class I, ARFF Index B **H–10H, 12H, L–26K**
NOTAM FILE SHD **IAP**

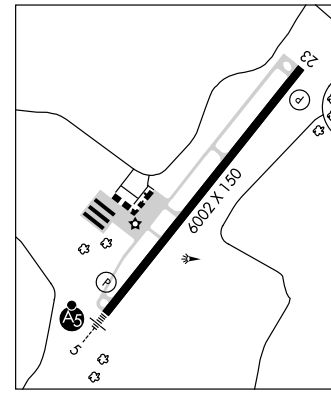
RWY 05–23: H6002X150 (ASPH–GRVD) S–75, D–150, ST–175, DT–215 HIRL 0.4% up NE
RWY 05: MALSR. PAPI(P4L)—GA 3.0°TCH 60′. Pole.
RWY 23: REIL. PAPI(P4L)—GA 3.0°TCH 45′. Road.

AIRPORT REMARKS: Attended continuously. PPR 12 hrs for air carrier ops with more than 30 passenger seats call 540–234–8304. TPA 2001(800) piston acft, 2701(1500) jet/turbo acft. ACTIVATE HIRL Rwy 05–23, MALSR Rwy 05, REIL Rwy 23 and taxiway lgts—CTAF.

WEATHER DATA SOURCES: AWOS–3 124.925 (540) 234–0110.

COMMUNICATIONS: CTAF/UNICOM 123.0
MONTEBELLO RCO 122.1R 115.3T (LEESBURG RADIO)
Ⓡ **POTOMAC APP/DEP CON** 132.85

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
MONTEBELLO (L) VOR/DME 115.3 MOL Chan 100 N37°54.03′ W79°06.41′ 030° 23.9 NM to fld. 3460/05W.
STAUT NDB (LOM) 375 SH N38°12.11′ W78°57.44′ 045° 4.7 NM to fld.
ILS 109.5 I–SHD Rwy 05. Class IE. LOM STAUT NDB. Backcourse unusable. Autopilot coupled apchs not applicable blo 1494′.



STAUT N38°12.11′ W78°57.44′ NOTAM FILE SHD.
NDB (LOM) 375 SH 045° 4.2 NM to Shenandoah Valley Rgnl.

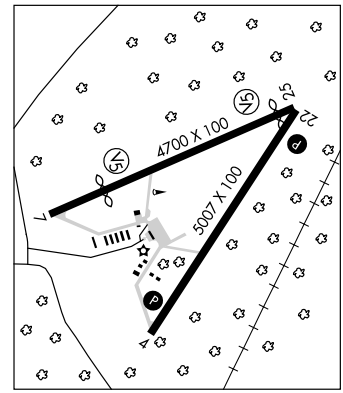
SUFFOLK EXECUTIVE (SFQ) 3 SW UTC−5(−4DT) N36°40.94′ W76°36.11′ **WASHINGTON**
72 B S2 **FUEL** 100LL, JET A, MOGAS NOTAM FILE SFQ **H–10I, 12H, L–35D, 36H**
RWY 04–22: H5007X100 (ASPH) S–30, D–60, DT–60 HIRL **IAP**
RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 38′. Trees. Rgt tfc.
RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 40′. Trees.
RWY 07–25: H4700X100 (ASPH) S–30, D–50, DT–85 MIRL
RWY 07: APAP(PNIL). Thld dsplcd 950′. Tree.
RWY 25: APAP(PNIR). Thld dsplcd 300′. Trees. Rgt tfc.

AIRPORT REMARKS: Attended Apr–May 1300–2300Z‡, except Sun clsd at 2200Z‡, Jun–Oct 1300–0000Z‡, except Sun clsd at 2200Z‡, Nov–Mar 1300–2200Z‡. Parachute Jumping. Deer on and invof arpt. Rwy 07–25 relocated 300 ft on east end. ACTIVATE MIRL Rwy 07–25; HIRL Rwy 04–22; PAPI Rwys 04 and 22; REIL Rwys 04 and 22—CTAF.

WEATHER DATA SOURCES: AWOS–3 119.375 (757) 934–3942

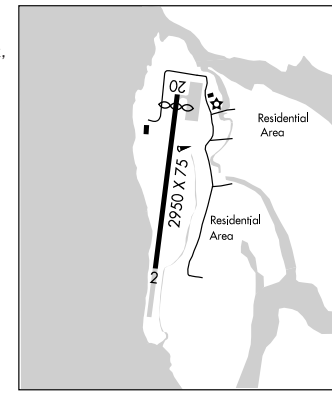
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **NORFOLK APP/DEP CON** 127.9 **GCO** 135.075 (NORFOLK CLNC)

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.
FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85′ W77°00.74′ 104° 19.9 NM to fld. 90/09W.
WALEY NDB (MHW/LOM) 249 RK N36°35.96′ W76°38.95′ 035° 5.5 NM to fld. NOTAM FILE DCA.
ILS 111.5 I–RKH Rwy 04. Loc only.

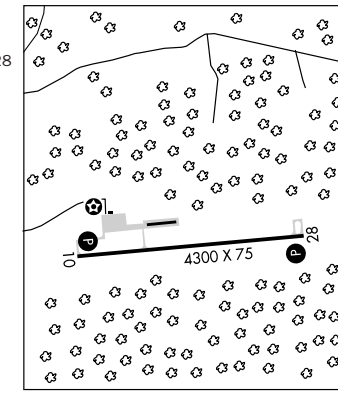


SUZZE N36°55.21′ W81°14.60′ NOTAM FILE MKJ. **CINCINNATI**
NDB (MHW/LOM) 335 MK 260° 5.4 NM to Mountain Empire. Unmonitored when arpt unattended. **L–26I**

TANGIER ISLAND (TGI) 4 W UTC−5(−4DT) N37°49.51′ W75°59.87′ **WASHINGTON**
5 B TPA–See Remarks NOTAM FILE DCA **L–34E, 36I**
RWY 02–20: H2950X75 (ASPH) S–12.5 **IAP**
RWY 02: Tree. Rgt tfc. **RWY 20:** Thld dsplcd 99′. Road.
AIRPORT REMARKS: Attended Apr–Oct Sat–Sun 1300–2130Z‡. Arpt CLOSED SS–SR daily. Be alert Restricted Area 1 mile west of arpt, hi-speed acft drop bombs and fire live ammunition in area. PAEW adjacent to all rwys, twys and ramps. TPA—605(600) light acft, 1505(1500) heavy acft. Ldg/Parking fee to help pay for rwy rehabilitation. Rotating bcn ops on req (emerg only through arpt manager—CTAF or phone 757–891–2496). Ldg fee.
COMMUNICATIONS: CTAF/UNICOM 122.8
CAPE CHARLES RCO 122.1R 112.2T (LEESBURG RADIO)
Ⓡ **PATUXENT APP/DEP CON** 121.0 (Mon–Fri 1200–0400Z‡, Sat–Sun 1300–2300Z‡, clsd holidays)
Ⓡ **WASHINGTON CENTER APP/DEP CON** 133.9 (Mon–Fri 0400–1200Z‡, Sat–Sun 2300–1300Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
CAPE CHARLES (L) VORTAC 112.2 CCV Chan 59 N37°20.85′ W75°59.86′ 010° 28.6 NM to fld. 10/10W.



TAPPAHANNOCK–ESSEX CO (XSA) 5 S UTC−5(−4DT) N37°51.58′ W076°53.65′ **WASHINGTON**
135 B **FUEL** 100LL NOTAM FILE DCA **L–34E, 36I**
RWY 10–28: H4300X75 (ASPH) S–12.5 MIRL **IAP**
RWY 10: REIL. PAPI(2PL)—GA 3.0° TCH 40′. Tree.
RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.
AIRPORT REMARKS: Attended Nov–Feb 1300–2300Z‡. Mar–Oct 1400–0000Z‡. Deer on and invof arpt. ACTIVATE MIRL Rwy 10–28 and PAPI Rwy 10 and Rwy 28 and rotating bcn—CTAF.
WEATHER DATA SOURCES: AWOS–3 125.775 (804) 445–8724.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **POTOMAC APP/DEP CON** 126.4
RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.
RICHMOND (H) VORTAC 114.1 RIC Chan 088 N37°30.14′ W077°19.22′ 052° 29.5 NM to fld. 159/9W.



TAZEWELL CO (See RICHLANDS)

TECH N37°12.52′ W80°24.21′ NOTAM FILE BCB. CINCINNATI
NDB (MHW) 368 TEC at Virginia Tech/Montgomery Executive. L–26J

TURNER FLD (See QUANTICO MCAF)

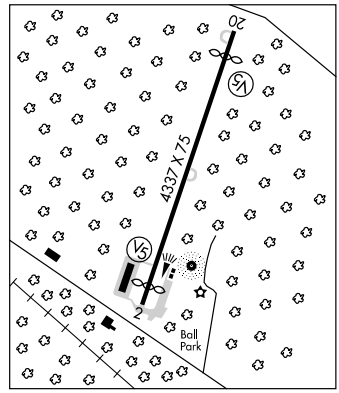
TWIN CO (See GALAX/HILLSVILLE)

VINTON N37°12.24′ W79°52.90′ NOTAM FILE ROA. CINCINNATI
NDB (MHW) 277 VIT 334° 8.6 NM to Roanoke Rgnl/Woodrum Field. L–26J
NDB unusable beyond 10 NM.

VIRGINIA HIGHLANDS (See ABINGDON)

VIRGINIA TECH/MONTGOMERY EXECUTIVE (See BLACKSBURG)

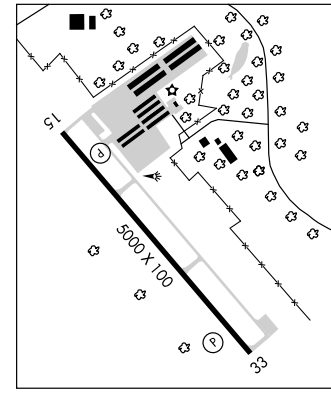
WAKEFIELD MUNI (AKQ) 2 NW UTC−5(−4DT) N36°59.23′ W77°00.07′ WASHINGTON
113 B **FUEL** 100LL NOTAM FILE AKQ L–36H
RWY 02–20: H4337X75 (ASPH) S–12.5 MIRL IAP
RWY 02: APAP(PNIL). GA 3.0° TCH 17′. Thld dsplcd 298′. Trees.
RWY 20: APAP(PNIL)—GA 3.0° TCH 17′. Thld dsplcd 470′. Trees.
AIRPORT REMARKS: Attended irregularly. For fuel after hours call 757–899–6066. Apron pavement cracked and in poor condition.
WEATHER DATA SOURCES: ASOS 128.325 (757) 899–2300.
COMMUNICATIONS: CTAF/UNICOM 122.8
FRANKLIN RCO 122.1R 110.6T (LEESBURG RADIO)
Ⓡ **NORFOLK APP/DEP CON** 127.9
RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.
FRANKLIN (L) VORTAC 110.6 FKN Chan 43 N36°42.85′ W77°00.74′ 011° 16.4 NM to fld. 90/09W.
NDB (MHW) 274 AKQ N36°58.99′ W77°00.07′ at fld. NOTAM FILE AKQ. Unmonitored. Unusable byd 10 NM.



WALEY N36°35.96′ W76°38.95′ NOTAM FILE DCA. WASHINGTON
NDB (MHW/LOM) 249 RK 035° 5.5 NM to Suffolk Executive. L–35C, 36H

WALLOPS FLIGHT FACILITY (WAL)(KWAL) NASA 5 S UTC−5(−4DT) N37°56.41′ W75°27.98′ **WASHINGTON**
40 B TPA–1040 (1000) NOTAM FILE DCA **H–10I, 12I, L–36I**
RWY 04–22: H8749X150 (PEM) HIRL **IAP, AD**
RWY 04: REIL. PAPI(P4L)–GA 3.0° **RWY 22:** REIL. PAPI(P4L)–GA 3.0°
RWY 10–28: H8005X200 (ASPH) HIRL.
RWY 10: REIL. PAPI(P4L)–GA 3.0° **RWY 28:** REIL. PAPI(P4L)–GA 3.0°
RWY 17–35: H4808X150 (ASPH) HIRL
RWY 17: REIL. PAPI(P4L)–GA 3.0° **RWY 35:** REIL. PAPI(P4L)–GA 3.0°
ARRESTING GEAR SYSTEM
RWY 04 HOOK BAK –13(B) (1850) HOOK BAK–13(B) (1500)) **RWY 22**
MILITARY SERVICE: LGT ACTIVATE rwy lgts and rotating bcn—CTAF. **JASU** 3(A/M32A–86) 1 (AM32A–60A) **FUEL** J5.
Restricted to U.S. government acft on official business only. **FLUID** SP PRESAIR
MILITARY REMARKS: RSTD Official business only. PPR 757–824–1688. **CAUTION** Roadways cross Rwy 17–35. High seagull bird strike potential. Extensive research test development in progress. Trees right of Rwy 22 thld. Numerous radar facilities at arpt with possible radio freq hazard to ordnance. Rwy 04 HOOK BAK–13 and Rwy 22 HOOK BAK–13 OTS indef.
WEATHER DATA SOURCES: ASOS 119.175 (757) 824–0820
COMMUNICATIONS: CTAF 126.5
PATUXENT APP/DEP CON 127.95 (Mon–Fri 1200–0400Z‡, Sat–Sun 1300–2300Z‡, clsd holidays)
WASHINGTON CENTER APP/DEP CON 132.55 (Mon–Fri 0400–1200Z‡, Sat–Sun 2300–1300Z‡)
TOWER 126.5 Mon–Fri 1200–2200Z‡ except Federal holidays. **GND CON** 127.875 **CLNC DEL** 121.7 **INFO SVC** 126.5 (2230–1200Z‡)
AIRSPACE: CLASS D Mon–Fri 1200–2200Z‡ except Federal holidays other times Class E.
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
SNOW HILL (L) VORTAC 112.4 SWL Chan 71 N38°03.40′ W75°27.84′ 189° 7.0 NM to fld. 40/8W.

WARRENTON–FAUQUIER (HWY) 12 SE UTC−5(−4DT) N38°35.18′ W77°42.64′ **WASHINGTON**
336 B S4 **FUEL** 100LL, JET A NOTAM FILE DCA **H–10H, 12H, L–29E, 34E, 36I, A**
RWY 15–33: H5000X100 (ASPH–GRVD) S–15, D–70 HIRL 0.5% up SE **IAP**
RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 53′. Tree.
RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 40′.
AIRPORT REMARKS: Attended 1300Z‡–dark. Ultralight activity on and invof arpt. Aerobatic activity (3 boxes avbl). Aerobatic demo area within 1.5 NM radius of arpt 3500 ft and blo; 1500–0300Z‡. ACTIVATE HIRL Rwy 15–33—CTAF.
WEATHER DATA SOURCES: ASOS 120.350 (540) 788–4078.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **POTOMAC APP/DEP CON** 124.65
GCO 135.075 (POTOMAC CLNC)
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
CASANOVA (H) VORTAC 116.3 CSN Chan 110 N38°38.47′ W77°51.93′ 120° 8.0 NM to fld. 439/06W.



WASHINGTON–DULLES INTL (See DISTRICT OF COLUMBIA, WASHINGTON)

WAYNESBORO

EAGLE'S NEST (W13) 3 W UTC−5(−4DT) N38°04.62′ W78°56.65′ **WASHINGTON**
1437 B S4 **FUEL** 100LL NOTAM FILE DCA
RWY 06–24: H2009X50 (ASPH) MIRL (NSTD)
RWY 06: Tree. **RWY 24:** Tree.
AIRPORT REMARKS: Attended 1300–2230Z‡. Parachute Jumping. Deer on and invof arpt. Glider activity on and invof arpt. Acft parked adjacent to rwy. ACTIVATE MIRL Rwy 06–24—CTAF.
COMMUNICATIONS: CTAF/UNICOM 123.05

WEIRWOOD

CAMPBELL FLD (9VG) 1 W UTC−5(−4DT) N37°27.51′ W075°52.73′ **WASHINGTON**

40 NOTAM FILE DCA

RWY 03–31: 3000X100 (TURF)

RWY 03: P–line.

RWY 14–32: 1455X140 (TURF)

AIRPORT REMARKS: Attended Mar–Nov dalgt hours. Be alert: 60′ P–lines located 300′ southwest off the AER 03.

COMMUNICATIONS: CTAF 122.8

WEST POINT

MIDDLE PENINSULA RGNL (FYJ) 2 SE UTC−5(−4DT) N37°31.28′ W76°45.77′ **WASHINGTON**

20 B **FUEL** 100LL, JET A TPA—See Remarks NOTAM FILE FYJ **H–10H, 12H, L–34E, 36H**

RWY 10–28: H5000X75 (ASPH) S–30, D–50, DT–85 MIRL **IAP**

RWY 10: PAPI(P2L)—GA 3.5° TCH 53′. Trees.

RWY 28: PAPI(P2L)—GA 3.5° TCH 53′. Trees.

AIRPORT REMARKS: Attended 1300–2200Z‡. Full and self–serve fuel avbl. Parachute Jumping weekends only. Deer on and invof arpt. TPA—820(800) light acft, 1520(1500) heavy acft. ACTIVATE MIRL Rwy 10–28—CTAF.

WEATHER DATA SOURCES: AWOS–3 132.825 (804) 785–2307.

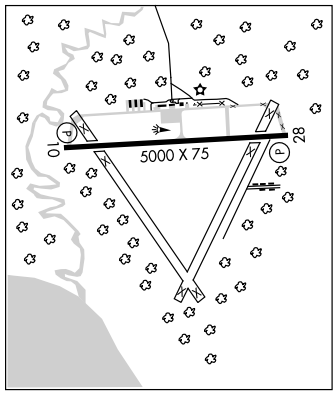
COMMUNICATIONS: CTAF/UNICOM 123.0

HARCUM RCO 122.1R 108.8T (LEESBURG RADIO)

Ⓡ **POTOMAC APP/DEP CON** 126.4

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HARCUM (L) VORTAC 108.8 HCM Chan 25 N37°26.92′ W76°42.68′ 338° 5 NM to fld. 8/07W.



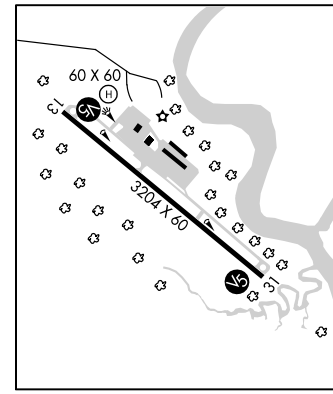
WHINE N36°44.02′ W81°56.94′ NOTAM FILE VJI. **CINCINNATI**

NDB (MHW/LOM) 236 VJ 241° 4.9 NM to Virginia Highlands. Unmonitored when arpt unattended. Unusable beyond 15 NM. **L–26I**

WHITMAN STRIP (See MANASSAS)

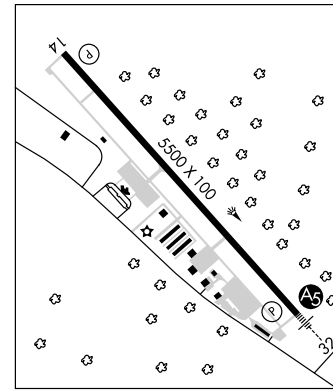
WILLIAM M. TUCK (See SOUTH BOSTON)

WILLIAMSBURG–JAMESTOWN (JGG) 3 SW UTC−5(−4DT) N37°14.35′ W76°42.97′ **WASHINGTON**
49 B S4 **FUEL** 100LL, JET A TPA—849(800) NOTAM FILE JGG **L–34E, 36H**
RWY 13–31: H3204X60 (ASPH) S–12.5 MIRL(NSTD) 0.8% up NW **IAP**
RWY 13: REIL. APAP(PNIL). Trees. Rgt tfc.
RWY 31: REIL. APAP(PNIL). Trees.
AIRPORT REMARKS: Attended 1200Z‡–dark. Arpt unattended Christmas Day–attended by req. Deer on and invof arpt. PAEW adjacent to Rwy 13–31. Rwy 31 dep turn left heading 270° to avoid school 3500 ft off rwy end. Noise abatement procedures in effect, ctc arpt manager 757–229–9256. Rwy 13–31 NSTD MIRL, non FAA approved L–800 series. Twy to Rwy 31, east of ramp, pavement and markings poor. Rwy 13 approach path alignment panels need repair. ACTIVATE MIRL Rwy 13–31, REIL and APAP Rwys 13 and 31—CTAF. Ldg fee for commercial and charter acft.
WEATHER DATA SOURCES: AWOS–3 120.625 (757) 220–8810.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **NORFOLK APP/DEP CON** 119.45
GCO 135.075 (NORFOLK CLNC)
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
HARCUM (L) VORTAC 108.8 HCM Chan 25 N37°26.92′ W76°42.68′ 188° 12.6 NM to fld. 8/07W.



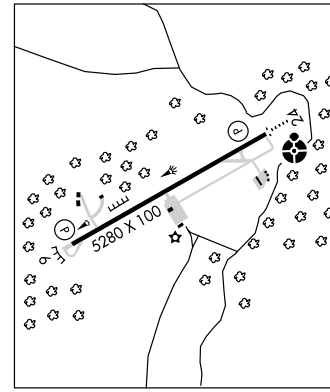
HELIPAD H1: H60X60 (CONC)
HELIPORT REMARKS: Helipad CLOSED ctc 122.8 for ldg instructions. Helipad H1 perimeter lgts. ACTIVATE MIRL Rwy 13–31, perimeter lgts Helipad H1, REIL and APAP Rwys 13 and 31—CTAF.

WINCHESTER RGNL (OKV) 3 SE UTC−5(−4DT) N39°08.61′ W78°08.67′ **WASHINGTON**
726 B S4 **FUEL** 100LL, JET A TPA–See Remarks LRA NOTAM FILE OKV **H–10H, 12I, L–29D, A**
RWY 14–32: H5500X100 (ASPH–GRVD) S–45, D–60 MIRL 0.5% up NW **IAP**
RWY 14: REIL. PAPI(P2L)—GA 3.0°TCH 45′. Tree.
RWY 32: MALSR. PAPI(P2L)—GA 3.0°TCH 45′. Tree.
AIRPORT REMARKS: Attended 1200–0000Z‡. Deer on and invof arpt. Taxi on pavement only. Medical Flight: irregular departure pat. ACTIVATE MIRL Rwy 14–32, REIL Rwy 14 and MALSR Rwy 32—CTAF. TPA 2706 (1980) turbo prop and jet acft, 1706 (980) other acft. Flight Notification Service (ADCUS) available. ADCUS avbl 24 hours minimum advance notice required call 804–661–3660 Mon–Fri, after hours and weekends call 703–661–3632.
WEATHER DATA SOURCES: AWOS–3 124.85 (540) 662–6970.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **POTOMAC APP/DEP CON** 120.45 **CLNC DEL** 126.15
RADIO AIDS TO NAVIGATION: NOTAM FILE MRB.
MARTINSBURG (L) VORTAC 112.1 MRB Chan 58 N39°23.13′ W77°50.90′ 231° 20 NM to fld. 600/07W.
ILS/DME 109.55 I–TZX Chan 32Y Rwy 32. CLASS IB. Unmonitored when arpt unattended.



WISE

LONESOME PINE (LNP) 3 NE UTC−5(−4DT) N36°59.25′ W82°31.80′ **CINCINNATI**
2684 B **FUEL** 100LL, JET A NOTAM FILE LNP **H–9B, 12G, L–26H**
RWY 06–24: H5280X100 (ASPH–GRVD) S–42, D–55, DT–100 MIRL 0.3% up NE **IAP**
RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 40′. Tree.
RWY 24: REIL. ODALS (NSTD). PAPI(P2R)—GA 3.0° TCH 40′. Trees.
AIRPORT REMARKS: Attended Apr–Oct Mon–Sat 1300–0000Z‡, Sun irregularly, Nov–Mar Mon–Sat 1300–2230Z‡, Sun irregularly. Rwy 06–24—three inch gradual dip starting 2000 ft from thld Rwy 24 continuing for 300 ft. Rwy 24 NSTD ODALS, 5 lgt configuration. ACTIVATE MIRL Rwy 06–24, ODALS Rwy 24 and REIL Rwy 06 and Rwy 24—CTAF.
WEATHER DATA SOURCES: AWOS–3 118.6 (276) 328–3727.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ **INDIANAPOLIS CENTER APP/DEP CON** 126.57
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
GLADE SPRING (L) VOR/DME 110.2 GZG Chan 39 N36°49.51′ W82°04.74′ 296° 23.8 NM to fld. 4200/02W. **HIWAS.**



WOODRUM N37°19.45′ W79°58.74′ NOTAM FILE ROA. **CINCINNATI**
(T) VORW 114.9 ODR at Roanoke Rgnl/Woodrum Field. **L–26J**
VOR unusable 035°–110° byd 10 NM blo 6500′, 035°–110° byd 10 NM blo 4,200′, 035°–050° byd 20 NM blo 7000′, 290°–360° byd 15 NM all altitudes.

ARTHURDALE

TITUS FLD (7ØD) 2 W UTC−5(−4DT) N39°29.92′ W79°51.15′ **CINCINNATI**

1860 NOTAM FILE EKN

RWY 09–27: 2400X50 (TURF)

RWY 09: Trees. **RWY 27:** Tree.

AIRPORT REMARKS: Unattended. Parachute Jumping. Deer on and invof rwy. Unlimited vehicle access to arpt. +25 ft trees along edge of rwy. Rwy 27 has 8′ dropoff 25′ from thld. Rwy 09–27 surface rough and infrequently mowed, soft when wet, loose rock on surface.

COMMUNICATIONS: CTAF 122.9

BECKLEY N37°46.82′ W81°07.41′ NOTAM FILE BKW. **CINCINNATI**

(H) VORTAC 117.7 BKW Chan 124 at Raleigh Co Mem. 2500/06W. **HIWAS.** **H–10G, 12H, L–26I**

VOR portion unusable:

360°–013° byd 28 NM blo 7000′

015°–087°

106°–160° blo 10000′

184°–211° byd 10 NM blo 9000′

212°–269°

TACAN AZIMUTH and DME unusable:

040°–050° byd 38 NM blo 7000′

087°–210° byd 25 NM blo 9000′

RCO 122.1R 117.7T (ELKINS RADIO)

BECKLEY

RALEIGH CO MEM (BKW) 3 E UTC−5(−4DT) N37°47.24′ W81°07.45′ **CINCINNATI**

2504 B S4 **FUEL** 100LL, JET A Class I, ARFF Index A. NOTAM FILE BKW **H–10G, 12H, L–26I**

RWY 01–19: H6750X150 (ASPH–GRVD) S–75, D–150, ST–140, DT–200 HIRL 0.7% up S **IAP**

RWY 01: REIL. VASI(V4L)—GA 3°TCH 40′. Trees.

RWY 19: MALSR. VASI(V4L)—GA 3°TCH 55′.

RWY 10–28: H5000X100 (ASPH) S–45, D–60 MIRL 0.3% up E.

RWY 10: REIL. VASI(V4R)—GA 3.0° TCH 51′.

RWY 28: REIL. VASI(V4L)—GA 3.75° TCH 66′.

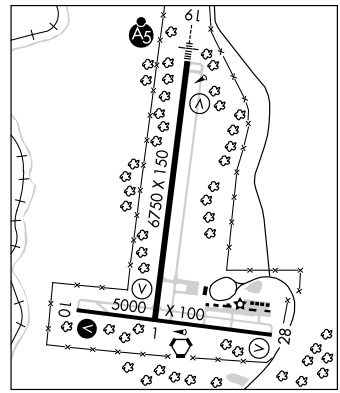
RUNWAY DECLARED DISTANCE INFORMATION:

RWY 01: TORA–6750 TODA–6750 ASDA–6750 LDA–6750

RWY 10: TORA–5000 TODA–5000 ASDA–5000 LDA–5000

RWY 19: TORA–6750 TODA–6750 ASDA–6750 LDA–6750

RWY 28: TORA–5000 TODA–5000 ASDA–5000 LDA–5000



AIRPORT REMARKS: Attended continuously. Deer; birds and wild turkeys on and invof arpt. PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats, call aprt manager 304–255–0476. ACTIVATE MIRL Rwy 10–28; HIRL Rwy 01–19; MALSR Rwy 19, REIL Rwy 01, Rwy 10, Rwy 28; VASI Rwy 10 and twy lgts—CTAF.

WEATHER DATA SOURCES: ASOS 121.55 (304) 253–5214. **HIWAS** 117.7 BKW.

COMMUNICATIONS: CTAF/UNICOM 123.0

BECKLEY RCO 122.1R 117.7T (ELKINS RADIO)

Ⓡ **CHARLESTON APP/DEP CON** 118.95

RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.

BECKLEY (H) VORTAC 117.7 BKW Chan 124 N37°46.82′ W81°07.41′ at fld. 2500/06W. **HIWAS.**

ILS 111.7 I–MQU Rwy 19. CLASS IB.

BERKELEY SPRINGS

POTOMAC AIRPARK (W35) 4 N UTC−5(−4DT) N39°41.56′ W78°09.97′ — WASHINGTON L–29D, A IAP

412 NOTAM FILE EKN

RWY 11–29: H4985X70 (ASPH) MIRL

RWY 11: REIL. TRVC(TRIL). Trees.

RWY 29: REIL. TRVC(TRIR). Trees. Rgt tfc.

AIRPORT REMARKS: Attended irregularly. Arpt CLOSED ngts. Be advised unmanned acft 1,000′ and blo 1 NM radius of arpt. No acft over 18,500 Lbs. Rwy 11–29 pavement cracks, uneven surface and some loose aggregate. Rwy 11 and Rwy 29 NSTD VASI OTS indef. REIL Rwy 11 OTS indef. Rwy 29 REIL OTS indef.

COMMUNICATIONS: CTAF 122.8

Ⓡ **WASHINGTON CENTER APP/DEP CON** 134.15

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ST THOMAS (L) VORTAC 115.0 THS Chan 97 N39°55.99′ W77°57.06′ 222° 17.5 NM to fld. 2340/07W.

HAGERSTOWN (L) VOR 109.8 HGR N39°41.86′ W77°51.34′ 276° 14.4 NM to fld. NOTAM FILE HGR.

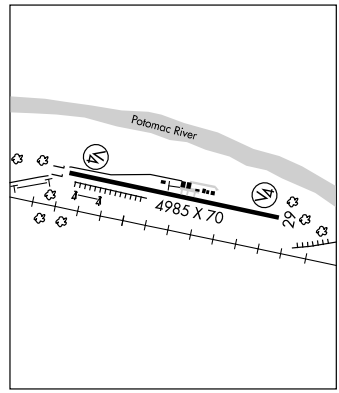
VOR unusable:

251°–272° byd 14 NM

267° byd 14 NM

281°–300° byd 24 NM blo 8000′

351°–019°



BLUEFIELD N37°18.39′ W81°11.66′ NOTAM FILE BLF. — CINCINNATI L–26I

(L) VORTAC 110.0 BLF Chan 37 at Mercer Co. 2900/03W.

DME portion unusable:

122°–230° byd 25 NM blo 9500′

RCO 122.1R 110.0T (ELKINS RADIO) **RCO** 122.65 122.2 (ELKINS RADIO)

BLUEFIELD

MERCER CO (BLF) 3 NE UTC−5(−4DT) N37°17.75′ W81°12.46′ — CINCINNATI L–26I IAP

2857 B **FUEL** 100LL, JET A, JET A+ TPA–3857 (1000) Class III, ARFF Index A

NOTAM FILE BLF

RWY 05–23: H4743X100 (ASPH–GRVD) S–30, D–48 HIRL

RWY 05: REIL.

RWY 23: REIL.

RUNWAY DECLARED DISTANCE INFORMATION:

RWY 05: TORA–4743 TODA–4743 ASDA–4743 LDA–4743

RWY 23: TORA–4743 TODA–4743 ASDA–4743 LDA–4743

AIRPORT REMARKS: Attended 1100–0300Z‡. Arpt CLOSED Christmas and New Years Day. Svcs avbl when clsd by prior arrangement; call 304–327–8440. After hrs emerg fuel by prior arrangement; listing on line office door. Deer on and invof arpt. PPR 24 hrs for air carrier ops with more than 30 passenger seats call arpt manager 304–327–5308. Mowing in progress Apr–Nov all surfaces. Rwy 05 has steep drop–off 320′ from thld zero feet both sides. Rwy 05 has steep drop–off 175′ from thld left side. ACTIVATE HIRL Rwy 05–23, twy lgts, and REIL Rwy 05 and Rwy 23—CTAF.

WEATHER DATA SOURCES: ASOS 132.725 (304) 327–5766.

COMMUNICATIONS: CTAF 122.9

BLUEFIELD RCO 122.65 122.2 (ELKINS RADIO).

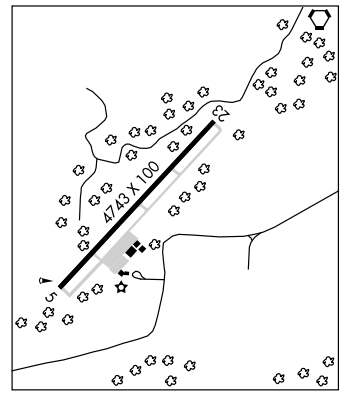
INDIANAPOLIS CENTER APP/DEP CON 126.575

AIRSPACE: CLASS E svc effective 1025–0225Z‡ other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BLF.

BLUEFIELD (L) VORTAC 110.0 BLF Chan 37 N37°18.39′ W81°11.66′ at fld. 2900/03W.

ILS 109.5 I–BLF Rwy 23. GS unusable for coupled apch blo 3200′ MSL (.91 NM).



BOGGS FLD (See SPENCER)

BRAXTON CO (See SUTTON)

BUCKHANNON

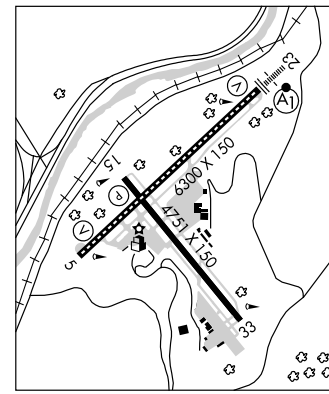
UPSHUR CO RGNL (W22) 2 W UTC−5(−4DT) N39°00.03′ W80°16.42′ **CINCINNATI**
1635 B S4 **FUEL** 100LL, JET A NOTAM FILE EKN **L–29C**
RWY 11–29: H4200X75 (ASPH) S–12.5, D–30 MIRL **IAP**
RWY 11: Trees. **RWY 29:** REIL. PAPI(P2L)—GA 3.0° TCH 26′. Trees.
AIRPORT REMARKS: Attended Mon–Fri 1200–2200Z‡, Sat–Sun 1400–2200Z‡. Self service 100LL. Deer on and invof arpt. ACTIVATE MIRL Rwy 11–29, REIL Rwy 29, PAPI Rwy 29 and twy lgts—CTAF.
WEATHER DATA SOURCES: AWOS–3 119.975 (304) 472–9428.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CLARKSBURG APP/DEP CON** 121.15
Ⓡ **WASHINGTON CENTER APP/DEP CON** 128.6
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
ELKINS (L) VORTAC 114.2 EKN Chan 89 N38°54.87′ W80°05.96′ 309° 9.7 NM to fld. 2160/7W. **HIWAS.**

BUSHI N37°46.93′ W80°28.11′ NOTAM FILE LWB. **CINCINNATI**
NDB (MHW/LOM) 346 LW 042° 5.6 NM to Greenbrier Valley. Unusable beyond 15 NM. **L–26J**
Unmonitored 0300–1200Z‡.

CHARLESTON N38°20.98′ W81°46.19′ NOTAM FILE CRW. **CINCINNATI**
(H) VORTAC 117.4 HVQ Chan 121 083° 8.5 NM to Yeager. 1099/03W. **H–10G, 12H, L–26I**
VOR unusable 140°–142° byd 20 NM blo 9000′.
RCO 122.1R 117.4T (ELKINS RADIO)
RCO 122.55 122.2 N38°22.39′ W81°35.59′ (ELKINS RADIO).

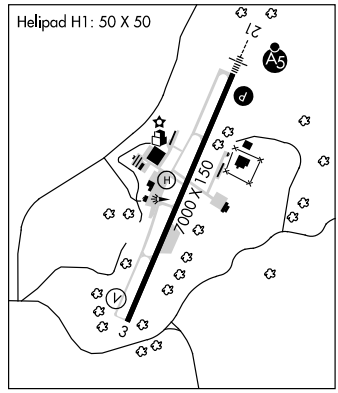
CHARLESTON

YEAGER (CRW) 3 E UTC−5(−4DT) N38°22.39′ W81°35.59′ **CINCINNATI**
981 B S4 **FUEL** 100LL, JET A LRA Class I, ARFF Index B NOTAM FILE CRW **H–10G, 12H, L–26I**
RWY 05–23: H6300X150 (ASPH–GRVD) S–120, D–160, ST–175, DT–260 HIRL CL 0.8% up SW **IAP, AD**
RWY 05: REIL. VASI(V4L)—GA 3.0°TCH 60′. Pole.
RWY 23: ALSF1. VASI(V4R)—GA 3.0°TCH 78′. Pole.
RWY 15–33: H4751X150 (ASPH) S–30, D–60 MIRL 1.0% up SE
RWY 15: PAPI(P4R)—GA 3.78° TCH 45′. Antenna.
RWY 33: Tree.
RUNWAY DECLARED DISTANCE INFORMATION:
RWY 05: TORA–6302 TODA–6302 ASDA–6302 LDA–6302
RWY 23: TORA–6302 TODA–6302 ASDA–6302 LDA–6302
ARRESTING GEAR SYSTEM
RWY 23: EMAS
AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt. Rwy 05 VASI not coincident with ILS GS. Rwy 05 VASI unusable 2° right of course. Ldg fee not applicable to based acft. Flight Notification Service (ADCUS) available. Rwy 05 touchdown RVR avbl.
WEATHER DATA SOURCES: ASOS (304) 346–4797. LLWAS.
COMMUNICATIONS: ATIS 127.6 **UNICOM** 122.95
CHARLESTON RCO 122.55 122.2 (ELKINS RADIO)
Ⓡ **CHARLESTON APP/DEP CON** 119.2 (SOUTH) 124.1 (NORTH) 128.5
CHARLESTON TOWER 125.7 **GND CON** 121.8 **CLNC DEL** 118.55
AIRSPACE: CLASS C svc continuous ctc **APP CON**
RADIO AIDS TO NAVIGATION: NOTAM FILE CRW.
CHARLESTON (H) VORTAC 117.4 HVQ Chan 121 N38°20.98′ W81°46.19′ 083° 8.5 NM to fld. 1099/03W.
ILS/DME 110.3 I–CRW Chan 40 Rwy 23.
ILS/DME 110.3 I–HCV Chan 40 Rwy 05.



CLARKSBURG

NORTH CENTRAL WEST VIRGINIA (CKB) 1 NE UTC−5(−4DT) N39°17.80′ W80°13.69′ **CINCINNATI**
1217 B S4 **FUEL** 80, 100LL, JET A Class I, ARFF Index A. NOTAM FILE CKB **H–10H, 12H, L–29C**
RWY 03–21: H7000X150 (ASPH–GRVD) S–80, D–125, ST–158, DT–180, DDT–180 HIRL 0.5% up NE **IAP, AD**
RWY 03: REIL. VASI(V4L)—GA 3.44°TCH 59′. Trees.
RWY 21: MALSR PAPI(P4L)—GA 3.0° TCH 45′. Trees.
AIRPORT REMARKS: Attended 1000–0400Z‡. Fuel not avbl during hours 0400–1000Z‡. Deer and birds on and invof arpt. PPR 24 hours for unscheduled air carrier operations with more than 30 passenger seats call arpt manager 304–842–3400. Rwy 21 touchdown rwy visual range avbl. ACTIVATE HIRL Rwy 03–21 and MALSR Rwy 21 and PAPI Rwy 21—CTAF. Ldg fee for all acft over 6500 lbs.
WEATHER DATA SOURCES: ASOS (304) 842–9240. LAWRS.
COMMUNICATIONS: CTAF 126.7 **ATIS** 127.825 **UNICOM** 123.0
CLARKSBURG RCO 122.1R 112.6T (ELKINS RADIO)
Ⓡ **CLARKSBURG APP/DEP CON** 119.6 (West) 121.15 (East) (1200–0400Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.95 (0400–1200Z‡)
CLARKSBURG TOWER 126.7 (1200–0400Z‡) **GND CON** 121.9
AIRSPACE: CLASS D svc 1200–0400Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE CKB.
CLARKSBURG (L) VOR/DME 112.6 CKB Chan 73 N39°15.19′ W80°16.07′ 039° 3.2 NM to fld. 1430/04W.
VOR unusable:
056°–081°
116°–137°
240°–138° blo 9000′
ILS 109.3 I–CKB Rwy 21. Class IB. ILS unmonitored when twr clsd.

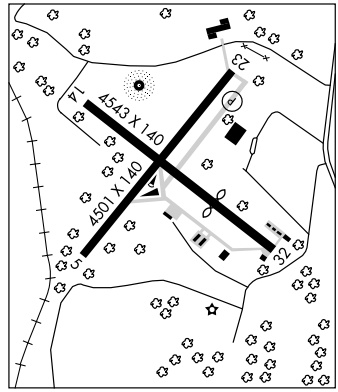


HELIPAD H1: H50X50 (CONC)
HELIPORT REMARKS: Helipad H1 located on FBO apron. Helipad H1 sfc condition fair, pavement cracking.

EASTERN WEST VIRGINIA RGNL (See MARTINSBURG)

ELKINS N38°54.87′ W80°05.96′ NOTAM FILE EKN. **CINCINNATI**
(L) VORTAC 114.2 EKN Chan 89 104° 11.4 NM to Elkins–Randolph Co–Jennings Randolph Fld. 2160/07W. **HIWAS.** **H–10H, 12H, L–29C**
DME portion unusable:
273°–039° byd 12 NM blo 6000′ 081°–189° byd 32 NM blo 9000′
RCO 123.6 122.45 122.2 122.1R 114.2T (ELKINS RADIO)

ELKINS–RANDOLPH CO–JENNINGS RANDOLPH FLD (EKN) 2 S UTC−5(−4DT) CINCINNATI
N38°53.37′ W79°51.43′ L–29C
1987 B **FUEL** 100LL, JET A TPA—3000(1013) NOTAM FILE EKN IAP



RWY 14–32: H4543X140 (ASPH) S–10 1.0% up NW
RWY 14: Trees. **RWY 32:** Thld dsplcd 1390′. Trees.
RWY 05–23: H4501X140 (ASPH) S–28, D–35, DT–56 MIRL 0.6% up SW
RWY 05: Trees.
RWY 23: REIL. PAPI (P2L)—GA 5.0° TCH 45′. Trees.
AIRPORT REMARKS: Attended 1330–2200Z‡. 24 hr self service 100LL. 24 hr self service Jet A. Svc fee after hours. Rwy 14–32 CLOSED dusk–dawn. Deer on and invof arpt. Twr 100 ft AGL 500 ft SW Rwy 32. Depressed drainage inlets on rwys 10 ft inboard from edges 2–12 inches deep Rwys 05–23 and 14–32. Uncontrolled vehicular tfc crosses thld Rwy 32. PAPI Rwy 23 NSTD VGSI. REIL Rwy 23 NSTD omni–directional. ACTIVATE MIRL Rwy 05–23 and REIL Rwy 23—122.9.
WEATHER DATA SOURCES: ASOS 119.275 (304) 636–5603. **HIWAS** 114.2 EKN.
COMMUNICATIONS: CTAF 123.6
RCO 123.6 122.45 122.2 122.1R 114.2T (ELKINS RADIO)
Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1200–0400Z‡)
Ⓡ **WASHINGTON CENTER APP/DEP CON** 128.6 (0400–1200Z‡)
AIRSPACE: CLASS E svc 1200–0400Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
(L) VORTAC 114.2 EKN Chan 89 N38°54.87′ W80°05.96′ 104° 11.4 NM to fld. 2160/07W. **HIWAS.**
RANDOLPH CO NDB (HW) 284 RQY N38°53.64′ W79°51.57′ at fld.
NDB unusable
018°–084° byd 10 NM 085°–017° byd 15 NM
LDA/DME 109.9 I–OUW. LOC unusable byd 6 NM blo 4500′. DME portion unusable byd 6 NM blo 4500′.
COMM/NAV/WEATHER REMARKS: Ctc Elkins Radio for airport advisory service on 123.6.

FAIRMONT MUNI–FRANKMAN FLD (4G7) 2 SW UTC−5(−4DT) N39°26.89′ W80°10.02′ CINCINNATI
1029 B S4 **FUEL** 100LL NOTAM FILE EKN L–29C
RWY 05–23: H2859X75 (ASPH) S–12.5 MIRL 0.7% up SW IAP
RWY 05: Thld dsplcd 500′. Ground. **RWY 23:** REIL. Trees.
AIRPORT REMARKS: Attended Apr–Oct 1300Z‡–dusk, Nov–Mar 1400–2200Z‡. Deer on and in vicinity of arpt. Rwy 05 CLOSED for night landing indef. Radio Towers approximately 300′ AGL—1.9 NM NE and 2.2 NM NW. Rwy 05 has +30′ hill at southwest end. Rwy 23 has 100′ drop–off, northeast end. Few broken rwy and twy lgts. Parallel twy closed indef. Rwy 05–23 NSTD markings numbers smaller than recommended. ACTIVATE MIRL Rwy 05–23, REIL Rwy 23—CTAF.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CLARKSBURG APP/DEP CON** 119.6 (1200–0400Z‡) **CLNC DEL** 118.35
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.95 (0400–1200Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE MGW.
MORGANTOWN (L) VORTAC 111.6 MGW Chan 53 N39°33.40′ W79°51.62′ 251° 15.7 NM to fld. 2339/05W

GRANT CO (See PETERSBURG)

GREENBRIER VALLEY (See LEWISBURG)

HENDERSON N38°45.25′ W82°01.57′ NOTAM FILE EKN. CINCINNATI
(H) VORTAC 115.9 HNN Chan 106 344° 10.2 NM to Mason Co. 880/03W. H–10G, L–26H
VOR portion unusable:
235°–245° byd 20 NM blo 4500′. 346°–019° byd 10 NM blo 10,000′
306°–319° byd 10 NM blo 4000′
RCO 122.1R 115.9T (ELKINS RADIO)

HERRON (See NEW CUMBERLAND)

HUNTINGTON N38°22.00′ W82°33.48′ CINCINNATI
RCO 122.6 122.2 (ELKINS RADIO) H–10G, 12H, L–26H

HUNTINGTON

ROBERT NEWLON FLD (I41) 6 NE UTC−5(−4DT) N38°27.42′ W82°18.83′ **CINCINNATI**

550 NOTAM FILE EKN

RWY 02–20: 2300X75 (TURF)

RWY 02: Tree. **RWY 20:** Tree. Rgt tfc.

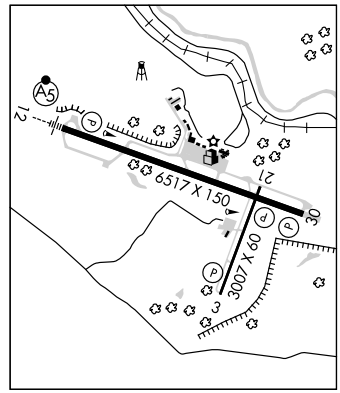
AIRPORT REMARKS: Attended irregularly. Rwy 02–20 CLOSED ngt. Emergency phone located at campground adjacent to arpt.

COMMUNICATIONS: CTAF 122.9

TRI–STATE/MILTON J. FERGUSON FLD (HTS) 3 S UTC−5(−4DT) N38°22.00′ W82°33.48′ **CINCINNATI**

828 B S4 **FUEL** 100LL, JET A OX 3, 4 LRA Class I, ARFF Index B **H–10G, 12H, L–26H**

NOTAM FILE HTS **IAP, AD**



RWY 12–30: H6517X150 (ASPH–GRVD) S–110, D–140, ST–175, DT–230 HIRL

RWY 12: MALSR. PAPI(P4L)—GA 3°TCH 51′. Trees.

RWY 30: REIL. PAPI(P4L)—GA 3°TCH 47′.

RWY 03–21: H3007X60 (ASPH) S–12.5 MIRL

RWY 03: PAPI(P2L)—GA 4°TCH 26′. Trees.

RWY 21: PAPI(P2L)—GA 4°TCH 33′. Trees.

AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt. Rwy 03–21 CLOSED to air carrier ops. Pilots report possibility of mistaking fuel burning stack located approximately 2 miles west Rwy 12 for apch lighting sequenced flashing lights. Rwy 12 obstruction twr located 5100′ west and 600′ north end rwy. Rwy 03–21 numerous longitudinal cracks in pavement. Twy A between Rwy 21 and AER 30 restricted to acft with wingspan of 108′ or less; Twy G restricted to acft with wingspan of 142′ or less. General aviation apron numerous cracks, spalling and joint deterioration. Rwy 12 touchdown RVR avbl. Ldg fee for acft unless fuel purchased. Flight Notification Service (ADCUS) available.

WEATHER DATA SOURCES: ASOS (304) 453–3408.

COMMUNICATIONS: ATIS 125.2 **UNICOM** 122.95

HUNTINGTON RCO 122.6 122.2 (ELKINS RADIO)

Ⓡ **HUNTINGTON APP/DEP CON** 119.75 (South) 128.4 (North)

HUNTINGTON TOWER 118.5 **GND CON** 121.9

CLNC DEL 118.05

AIRSPACE: TRSA svc ctc **APP CON**

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

NEWCOMBE (L) VORTAC 110.4 ECB Chan 41 N38°09.50′ W82°54.60′ 055°20.9 NM to fld. 1070/02W.

ILS 109.9 I–HTS Rwy 12. Class IC. LOC course 191° right of centerline at 1 NM.

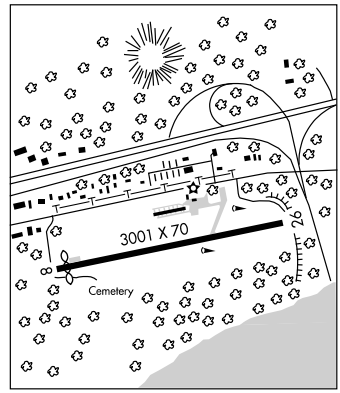
ILS 108.7 I–TUU Rwy 30. Class IB.

ASR

HUNTINGTON/CHESAPEAKE, OH

LAWRENCE CO AIRPARK (HTW) 2 W UTC−5(−4DT) N38°25.15′ W82°29.66′ **CINCINNATI**

568 B **FUEL** 100LL NOTAM FILE DAY **L–26H**



RWY 08–26: H3001X70 (ASPH) MIRL (NSTD)

RWY 08: Thld dsplcd 173′. Trees. **RWY 26:** Trees.

AIRPORT REMARKS: Attended Oct–Apr 1400Z‡–dusk, May–Sep 1300Z‡–dusk. Parachute Jumping. Rwy 08–26 many cracks, exhibits Foreign Object Damage. Rwy 08–26 NSTD MIRL 70 ft from rwy edges; Rwy 08 relocated thld 28 ft at ngt; 2973 ft lgtd at ngt.

COMMUNICATIONS: CTAF/UNICOM 122.7

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

YORK (L) VORTAC 112.8 YRK Chan 75 N38°38.65′ W82°58.70′ 125°26.5 NM to fld. 1040/5W.

IVY KNOB N37°47.17′ W81°31.12′ CINCINNATI
RCO 124.3 (ELKINS RADIO) L–26I

JACKSON CO (See RAVENSWOOD)

KEE FLD (See PINEVILLE)

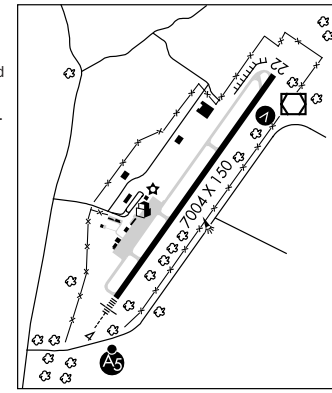
KESSEL N39°13.53′ W78°59.37′ NOTAM FILE EKN. CINCINNATI
(L) VOR/DME 110.8 ESL Chan 45 212°15.5 NM to Grant Co. 2590/06W. H–10H, L–29D
RCO 122.1R 110.8T (ELKINS RADIO)

LAWRENCE CO AIRPARK (See HUNTINGTON/CHESAPEAKE, OH)

LEON (WØ7) 3 S UTC−5(−4DT) N38°42.21′ W81°57.14′ CINCINNATI
563 NOTAM FILE EKN
RWY 03–21: 3100X45 (TURF)
RWY 03: Brush. **RWY 21:** Trees. Rgt tfc.
AIRPORT REMARKS: Unattended. Ultralgt activity on and invof arpt. Deer and birds on and invof arpt. 200′ hill north of arpt. Unrestricted vehicle access. Rwy 21 ldg area bounded by high brush and trees from thld to first 800′ of rwy. Rwy 03–21 outline unmarked. Rwy ldg area bounded by height of brush and trees. Twy at thld of Rwy 03 elevated 3′ above rwy on rgt.
COMMUNICATIONS: CTAF 122.9

LEWISBURG

GREENBRIER VALLEY (LWB) 3 N UTC−5(−4DT) N37°51.50′ W80°23.97′ CINCINNATI
2302 B S2 **FUEL** 100LL, JET A Class I, ARFF Index B NOTAM FILE LWB H–10H, 12H, L–26J
RWY 04–22: H7004X150 (ASPH–GRVD) S–90, D–120, ST–152, DT–160 HIRL IAP, AD
RWY 04: MALSR. Tree.
RWY 22: REIL. VASI(V4L)—GA 3.0°TCH 59′. Tree.
AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt. ACTIVATE HIRL Rwy 04–22, MALSR Rwy 04, VASI Rwy 22 and twy lgts—CTAF. PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 304–645–3961. Ldg fee. Multi engine only, fee waived if purchase fuel.
WEATHER DATA SOURCES: AWOS–3 121.4 (304) 645–4533.
COMMUNICATIONS: CTAF 118.9 **UNICOM** 122.95
WASHINGTON CENTER APP/DEP CON 134.4 **CLNC DEL** 120.85 (when twr closed)
LEWISBURG TOWER 118.9 (1400–0000Z‡) **GND CON** 121.9
AIRSPACE: CLASS D svc effective 1400–0000Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE LWB.
(L) VORW/DME 116.05 LWB Chan 107Y N37°51.83′ W80°23.52′ at fld. 2319/08W. DME unusable 095°–150°, 151°–094° byd 20 NM blo 10,000′.
BUSHI NDB (MHW/LOM) 346 LW N37°46.93′ W80°28.11′ 042° 5.6 NM to fld. NDB unusable byd 15 NM. NDB unmonitored 0300–1200Z‡.
ILS 110.35 I–LWB Rwy 04. LOM BUSHI NDB. ILS unmonitored 0300–1200Z‡.
COMM/NAV/WEATHER REMARKS: Freq 121.5 not avbl at twr.



LOGAN CO (6L4) 4E UTC−5(−4DT) N37°51.34′ W81°54.95′ CINCINNATI
1667 B S4 **FUEL** 100LL, JET A NOTAM FILE EKN L–26I
RWY 06–24: H3604X75 (ASPH) MIRL 0.3% up NE IAP
RWY 06: PAPI(P2L)—GA 3.0° TCH 41′. Tree. **RWY 24:** PAPI(P2L)—GA 3.0° TCH 36′. Tree.
AIRPORT REMARKS: Attended 1300–0100Z‡. For fuel and svcs after hrs call 304–752–4281. Deer and turkey on and invof arpt. Rwy 06 30′ hill 800′ from thld left and right. ACTIVATE MIRL Rwy 06–24 and PAPI Rwys 06 and 24—CTAF. No vehicular access to fld without prior arrangement. Rwy 24, blasting 1–2 NM from end of rwy, irregular schedule. Arpt access code—CTAF.
COMMUNICATIONS: CTAF 122.9
CHARLESTON APP/DEP CON 119.2 (North)
INDIANAPOLIS CENTER APP/DEP CON 126.575 (South)
RADIO AIDS TO NAVIGATION: NOTAM FILE CRW.
CHARLESTON (H) VORTAC 117.4 HVQ Chan 121 N38°20.98′ W81°46.19′ 196° 30.4 NM to fld. 1099/03W.

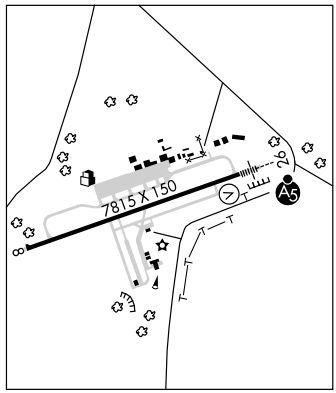
MARSHALL CO (See MOUNDSVILLE)

MARTINSBURG N39°23.14′ W77°50.90′ NOTAM FILE MRB. WASHINGTON
(L) VORTAC 112.1 MRB Chan 58 289° 5.9 NM to Eastern West Virginia Rgnl/Shepherd Fld. 600/07W. H–10H, 12I, L–29D, A
DME portion unusable byd 35 NM blo 4000′.
RCO 122.1R 112.1T (LEESBURG RADIO) **RCO** 122.45 (ELKINS RADIO)

MARTINSBURG

EASTERN WEST VIRGINIA RGNL/SHEPHERD FLD (MRB) 4 S UTC−5(−4DT) WASHINGTON
N39°24.11′ W77°59.08′ H–10H, 12I, L–29D, A
565 B S4 **FUEL** 100LL, JET A TPA—(See Remarks) NOTAM FILE MRB IAP, AD

RWY 08–26: H7815X150 (ASPH–GRVD) S–75, D–135, ST–175, DT–300, DDT–650 HIRL
RWY 08: Ground.
RWY 26: MALSR. VASI(V4L)—GA 3.0° TCH 53′. Trees.



AIRPORT REMARKS: Attended Mon–Fri 1000–0200Z‡, Sat–Sun 1200–2000Z‡. Other times by NOTAM. For fuel after hrs call 304–262–2507. Fuel trucks on southeast portion of civilian ramps. Deer and birds on and invof arpt. Twy B clsd from T–hangar twy lane south. No grass ldgs. Mowing in progress spring through autumn yearly. When twr clsd ACTIVATE MALSR Rwy 26, HIRL Rwy 08–26, and twy lgts—CTAF. TPA: Rectangular tfc pattern for all acft 1608 (1043); overhead pattern 2108 (1543). Ldg fee. Fee for acft greater than 6500 lbs gross weight.
WEATHER DATA SOURCES: ASOS 119.925 (304) 264–0988. Unmonitored when ATCT clsd.
COMMUNICATIONS: CTAF 124.3 **UNICOM** 122.95
MARTINSBURG RCO 122.45 (ELKINS RADIO)
Ⓡ **POTOMAC APP/DEP CON** 126.1
MARTINSBURG TOWER 124.3 (Mon–Fri 1000–0200Z‡, Sat–Sun 1200–2000Z‡ other times by NOTAM)
GND CON 121.8 **POTOMAC CLNC DEL** 126.82 (When MRB twr clsd)
AIRSPACE: CLASS D svc Mon–Fri 1000–0200Z‡, Sat–Sun 1200–2000Z‡, and by NOTAM, other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE MRB.
MARTINSBURG (L) VORTAC 112.1 MRB Chan 58 N39°23.13′ W77°50.90′ 286° 6.4 NM to fld. 600/07W.
ILS 108.3 I–EXW Rwy 26. Class IE.

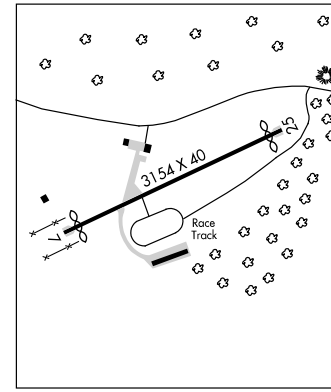
MASON CO (See POINT PLEASANT)

MERCER CO (See BLUEFIELD)

MID–OHIO VALLEY RGNL (See PARKERSBURG)

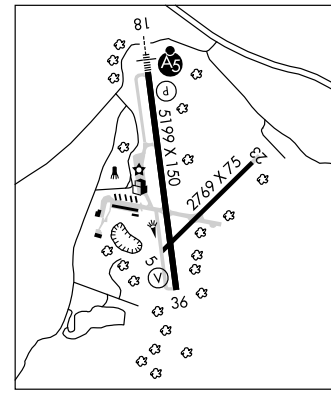
MILTON

ONA AIRPARK (12V) 4W UTC−5(−4DT) N38°26.45′ W82°12.05′ CINCINNATI
572 S2 **FUEL** 80, 100LL NOTAM FILE EKN L–26H
RWY 07–25: H3154X40 (ASPH) LIRL(NSTD) IAP
RWY 07: Thld dsplcd 134′. Trees.
RWY 25: Thld dsplcd 129′. Ground.
AIRPORT REMARKS: Attended 1300Z‡–dusk. Fuel 24 hr self–service. Balloon port 2 miles E. Noise abatement procedures in effect; departures Rwy 25 should head 240° and departures Rwy 07 should head 090° to 1600 ft altitude. Rwy 07–25 NSTD LIRL; lgts green; incorrect spacing; some lgts obscured by vegetation. dsplcd thld lgts 360° green lgts one each side of rwy. Rwy 07–25 surface extensive cracking. Rwy exit to ramp has depression marked by cone. Rwy 07–25 dsplcd thlds nights only. Rwy 07 and Rwy 25 dsplcd thlds unmarked. Fence, poles, buildings in primary surface west side. 90 ft pole 1000 ft east of apch end Rwy 07; 90 ft pole 1300 ft east apch end Rwy 07.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CHARLESTON APP CON** 124.1 Ⓡ**HUNTINGTON DEP CON** 119.75
RADIO AIDS TO NAVIGATION: NOTAM FILE CRW.
CHARLESTON (H) VORTAC 117.4 HVQ Chan 121 N38°20.98′ W81°46.19′ 288° 21 NM to fld. 1099/03W.



MINGO CO (See WILLIAMSON)

MORGANTOWN MUNI–WALTER L. BILL HART FLD (MGW) 3 E UTC−5(−4DT) CINCINNATI
N39°38.58′ W79°54.98′ H–10H, 12H, L–29C
1248 B S2 **FUEL** 100LL, JET A Class I, ARFF Index A. NOTAM FILE MGW IAP, AD
RWY 18–36: H5199X150 (ASPH–GRVD) S–65, D–90, ST–114, DT–175 HIRL
RWY 18: MALSR. PAPI(P4L)—GA 3.0°TCH 60′. Tree.
RWY 36: VASI(V4L)—GA 3.0°TCH 52′.
RWY 05–23: H2769X75 (ASPH) S–12.5 MIRL
AIRPORT REMARKS: Attended 1000–0500Z‡. FBO hours are from 1000Z‡ until 0500Z‡, 24 hr phone number 304–296–2359. Deer and birds on and invof arpt. Be Alert: Possibility of turbulence invof power plant stacks 3.6 miles N of afld during cold weather. PPR 24 hrs for unscheduled air carrier ops call arpt manager 304–291–7461. When twr clsd ACTIVATE HIRL Rwy 18–36; MIRL Rwy 05–23; MALSR Rwy 18 and twy lgts—CTAF. Ldg fee for acft 6500 lbs and over.
WEATHER DATA SOURCES: ASOS 120.675 (304) 296–7103.
COMMUNICATIONS: CTAF 125.1 **UNICOM** 122.95
RCO 122.1R 111.6T 122.6 (ELKINS RADIO)
Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1200–0400Z‡)
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.95 (0400–1200Z‡)
TOWER 125.1 (1200–0400Z‡) **GND CON** 121.7
AIRSPACE: CLASS D svc 1200–0400Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE MGW.
(L) VORTAC 111.6 MGW Chan 53 N39°33.40′ W79°51.62′ 338° 5.8 NM to fld. 2339/05W.
ILS 108.5 I–MGW Rwy 18. Class IE. Unmonitored when twr clsd.



MOUNDSVILLE

MARSHALL CO (MPG) 3 S UTC−5(−4DT) N39°52.85′ W80°44.15′ **CINCINNATI**
1214 B S2 **FUEL** 100LL NOTAM FILE EKN **L–29B**
RWY 06–24: H3302X60 (ASPH) S–12.5 MIRL 0.6% up SW **IAP**
RWY 06: PAPI(P2R)—GA 4.0° TCH 26′. Tower. **RWY 24:** PAPI(P2R)—GA 3.0° TCH 40′. Trees.
AIRPORT REMARKS: Attended 1330Z‡–dusk. ACTIVATE MIRL Rwy 06–24—CTAF. PAPI Rwy 06 and Rwy 24 opr continuously. PAPI Rwy 24 may be partially obscured by brush.
WEATHER DATA SOURCES: AWOS–3 119.05 (304) 845–2959.
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEVELAND CENTER APP/DEP CON 120.4
RADIO AIDS TO NAVIGATION: NOTAM FILE CLE.
BELLAIRE (H) VOR/DME 117.1 AIR Chan 118 N40°01.02′ W80°49.04′ 162° 9 NM to fld. 1290/07W. VOR unmonitored.

NEW CUMBERLAND

HERRON (7G1) 3 NE UTC−5(−4DT) N40°32.00′ W80°32.40′ **DETROIT**
1226 B S2 **FUEL** 80, 100LL TPA—2001(775) NOTAM FILE EKN
RWY 04–22: H2030X20 (ASPH) LIRL(NSTD)
RWY 04: Trees. **RWY 22:** Trees.
RWY 01–19: 1200X24 (TURF)
RWY 01: Tree. **RWY 19:** Tree.
AIRPORT REMARKS: Attended irregularly. Repairs by prior arrangement. Attendant not on duty. Former Rwy 14–32 clsd except taxiing and parking. Rwy 04 and Rwy 22 ends not vis fm each end. Traffic on road crossing rwy not visible fm Rwy 4 end. Public road crosses center of afld, do not taxi on road, wing will not clear stop sign on road. Rwy 04–22 slopes up fm east to west, approximately 30 feet. 30 foot drop off at each rwy end. Rwy 04–22 has extensive cracking, grass growing full length, asph uneven. Deer on and invof arpt. Ultralight activity. Arpt lgts opr dusk–0400Z‡. ACTIVATE NSTD LIRL Rwy 04–22 5 times on/5 times off—123.0. Rwy 04–22 lgts on SE side only. Rwy 04–22 centerline marked by irregular shaped diamonds.
COMMUNICATIONS: CTAF 122.9

NEW MARTINSVILLE

P W JOHNSON MEM (75D) 2 N UTC−5(−4DT) N39°41.04′ W80°51.74′ **CINCINNATI**
632 B TPA—2432(1800) NOTAM FILE EKN
RWY 01–19: 2100X73 (TURF) LIRL
RWY 01: VASI(NSTD). Pole. **RWY 19:** Trees.
AIRPORT REMARKS: Unattended. Ultralights on and invof arpt. Ultralights use rgt tfc for Rwy 19. Birds on and invof arpt. 1700′ MSL twr 0.58 mi northwest of Rwy 19 end. Rwy 19 has rising terrain in north approach. Ditch on W side of rwy in front of hangers. Use rwy exits marked by tires or lgts. ACTIVATE LIRL Rwy 01–19 and rotating bcn—CTAF. Rwy 01–19 soft when wet, mud covers some areas. Rwy 01–19 marked with tires painted white. Dirt svc road for arpt use only, crosses Rwy 01 end 0–45 ft out.
COMMUNICATIONS: CTAF 122.9

NORTH CENTRAL WEST VIRGINIA (See CLARKSBURG)

ONA AIRPARK (See MILTON)

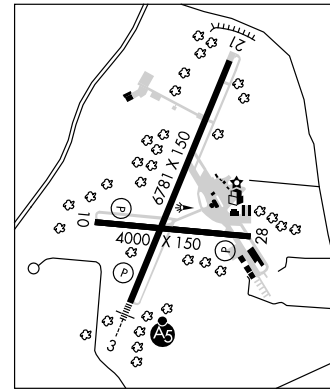
P W JOHNSON MEM (See NEW MARTINSVILLE)

PARKERSBURG N39°26.47′ W81°22.49′ NOTAM FILE PKB. **CINCINNATI**
(L) VORTAC 108.6 JPU Chan 23 211° 6.5 NM to Mid–Ohio Valley Rgnl. 1030/03W. **H–10G, 12H, L–29B**
RCO 122.4 122.1R 108.6T (ELKINS RADIO)

PARKERSBURG

MID–OHIO VALLEY RGNL (PKB) 6 NE UTC−5(−4DT) **CINCINNATI**
N39°20.71′ W81°26.35′ **H–10G, 12H, L–29B**
858 B S2 **FUEL** 100LL, JET A Class I, ARFF Index A. NOTAM FILE PKB **IAP, AD**

RWY 03–21: H6781X150 (ASPH–GRVD) S–85, D–100, ST–127, DT–175 HIRL 0.8% up NE.
RWY 03: MALSR. PAPI(P4L)—GA 3.0° TCH 71′.
RWY 21: REIL.
RWY 10–28: H4000X150 (ASPH) S–50, D–75, ST–95, DT–135 HIRL
RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 51′.
RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 52′.



RUNWAY DECLARED DISTANCE INFORMATION:
RWY 03: TORA–7241 TODA–7241 ASDA–6781 LDA–6781
RWY 10: TORA–4000 TODA–4000 ASDA–4000 LDA–4000
RWY 21: TORA–7241 TODA–7241 ASDA–7241 LDA–6781
RWY 28: TORA–4000 TODA–4000 ASDA–4000 LDA–4000

AIRPORT REMARKS: Attended continuously. PPR 30 min for unscheduled air carrier ops with more than 30 passenger seats; call arpt manager 304–464–5113. Deer on and invof arpt. Rwy 03 touchdown rwy visual range avbl. When twr clsd ACTIVATE HIRL Rwy 03–21 and Rwy 10–28; twy lgts; MALSR Rwy 03; REIL Rwy 10—CTAF. Rwy 28 PAPI unusable byd 008° left and 008° right of rwy centerline. No landing fee for acft less than 6,500 lbs. for acft greater than 6,500, landing fee waived with fuel purchases.

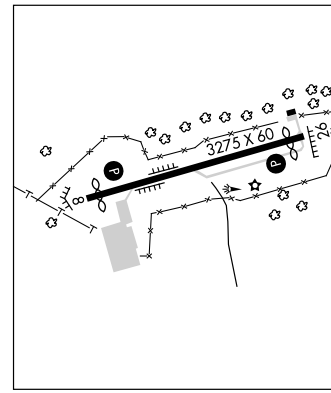
WEATHER DATA SOURCES: ASOS (304) 464–5547.
COMMUNICATIONS: CTAF 123.7 **ATIS** 124.35 **UNICOM** 122.95
Ⓡ **INDIANAPOLIS CENTER APP/DEP CON** 125.55
PARKERSBURG TOWER 123.7 (1200–0400Z‡) **GND CON** 121.7
AIRSPACE: CLASS D svc 1200–0400Z‡ other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE PKB.
PARKERSBURG (L) VORTAC 108.6 JPU Chan 23 N39°26.47′ W81°22.49′ 211° 6.5 NM to fld. 1030/03W.
VERSI NDB (LOM) 388 PK N39°15.25′ W81°29.10′ 028° 5.9 NM to fld.
ILS 110.7 I–PKB Rwy 03. LOM VERSI NDB.
COMM/NAV/WEATHER REMARKS: VERSI LOM unusable 000°–094° byd 10 NM blo 3,000′; 095°–149° all altitudes and distances; 150°–210° byd 10 NM.

PETERSBURG

GRANT CO (W99) 1 SW UTC−5(−4DT) N38°59.70′ W79°08.75′ **CINCINNATI**
963 B S3 **FUEL** 100LL, JET A OX 4 NOTAM FILE EKN **H–10H, 12H, L–29D**
RWY 13–31: H5000X75 (ASPH) S–12.5 MIRL **IAP**
RWY 13: Trees. **RWY 31:** REIL. PAPI(P4L)—GA 6.0°. Trees. Rgt tfc.
AIRPORT REMARKS: Attended Mon–Fri 1300–2200Z‡, Sat 1400–2200Z‡, Sun 1500–2200Z‡. Self service fuel avbl 24 hrs a day with credit card, Jet A by req after hrs. Glider ops. Rwy 31 right traffic for glider and ultra–light only. All other powered acft standard left traffic pattern. Bird activity on and invof arpt. Pilot–controlled lgtng OTS indef. ACTIVATE MIRL Rwy 13–31; REIL Rwy 31 and PAPI Rwy 31—CTAF.
WEATHER DATA SOURCES: AWOS–3 124.475 (304) 257–2477.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **WASHINGTON CENTER APP/DEP CON** 133.65
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
KESSEL (L) VOR/DME 110.8 ESL Chan 45 N39°13.53′ W78°59.37′ 214° 15.6 NM to fld. 2590/06W.
LDA/DME 111.5 I–IYQ Chan 52 Rwy 31. LOC unusable byd 10 NM blo 4200′. DME unusable blo 4500′ byd 10 NM; blo 4900′ byd 13 NM; blo 5200′ byd 14 NM; blo 5900′ byd 15 NM, byd 19 NM.

PHILIPPI

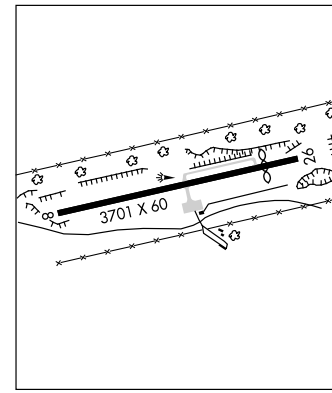
PHILIPPI/BARBOUR CO RGNL (79D) 2 NW UTC−5(−4DT) N39°09.97′ W80°03.74′ **CINCINNATI**
1755 B **FUEL** 100LL NOTAM FILE EKN **L–29C**
RWY 08–26: H3275X60 (ASPH) MIRL **IAP**
RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 20′. Thld dsplcd 140′. Tree.
RWY 26: PAPI(P2L)—GA 3.0° TCH 20′. Thld dsplcd 225′. Ground.
AIRPORT REMARKS: Unattended. Fuel 24 hr self–serve. Rwy 26 186 ft ridge approximately 3200 ft from thld; 550 ft right. Rwy 26 500′ dropoff 50′ from thld. Rwy 08 150′ dropoff 112′ from thld. ACTIVATE MIRL Rwy 08–26, PAPI Rwy 08, Rwy 26 and REIL Rwy 08—CTAF. REIL Rwy 08 omni directional.
COMMUNICATIONS: CTAF 122.9
Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1200–0400Z‡)
Ⓡ **WASHINGTON CENTER APP/DEP CON** 128.6 (0400–1200Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE CKB.
CLARKSBURG (L) VOR/DME 112.6 CKB Chan73 N39°15.19′ W80°16.07′ 122° 10.9 NM to fld. 1430/04W.



SIMPSON (9W3) 3 S UTC−5(−4DT) N39°05.61′ W80°01.55′ **CINCINNATI**
1960 NOTAM FILE EKN
RWY 01–19: 1500X50 (TURF)
RWY 01: Road. **RWY 19:** Trees.
AIRPORT REMARKS: Attended continuously. Deer on and in vicinity of arpt. Unlimited vehicle access to arpt. Rwy 19 has 50′ drop–off 75′ from thld. Rwy 01 has 15′ public road at rwy end. Rwy 01–19 ldg area outlined with white tires.
COMMUNICATIONS: CTAF 122.9

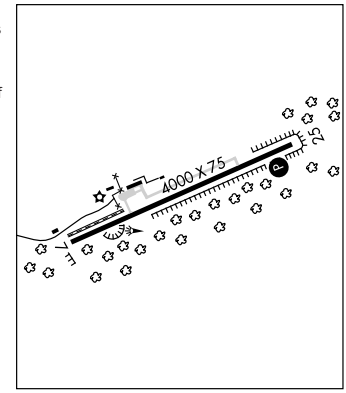
PINEVILLE

KEE FLD (I16) 2 NW UTC−5(−4DT) N37°36.03′ W81°33.56′ — CINCINNATI
1783 B **FUEL** 100LL NOTAM FILE EKN — L–26I
RWY 08–26: H3701X60 (ASPH) S–13 MIRL 1.6% up NE — IAP
RWY 08: REIL. Trees.
RWY 26: REIL. Thld dsplcd 590′. Trees.
AIRPORT REMARKS: Attended daylight hours. For arpt attendant after hours call 304–732–7372. Wildlife on and invof arpt. Birds invof midpoint of rwy. ACTIVATE MIRL Rwy 08–26 REIL Rwy 08 and Rwy 26—CTAF.
WEATHER DATA SOURCES: AWOS–3 120.625 (304) 732–7311.
COMMUNICATIONS: CTAF/UNICOM 122.8
BECKLEY RCO 122.1R 117.7T (ELKINS RADIO)
Ⓡ **INDIANAPOLIS CENTER APP/DEP CON** 126.575
RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.
BECKLEY (H) VORTAC 117.7 BKW Chan 124 N37°46.82′ W81°07.41′ 249° 23.4 NM to fld. 2500/06W. **HIWAS.**



POINT PLEASANT

MASON CO (3I2) 4 NE UTC−5(−4DT) N38°54.88′ W82°05.92′ — CINCINNATI
643 B **FUEL** 100LL NOTAM FILE EKN — L–29B
RWY 07–25: H4000X75 (ASPH) S–24 MIRL 0.4% up SW — IAP
RWY 07: Brush. **RWY 25:** PAPI(P2L)—GA 3.0° TCH 40′. Trees.
AIRPORT REMARKS: Attended 1400–2200Z‡. Steam from cooling towers NW occasionally obscures obstruction lgts on tower North. Deer on and in vicinity of arpt. 6–8′ brush parallel to Rwy 25, 50′ from lights. Airframe repairs avbl on call, none based at arpt. Portion of ramp and one rwy exit unsafe due to soft weak asphalt paving. Area marked by lgtd barricade unusable. ACTIVATE MIRL Rwy 07–25 and PAPI Rwy 25—CTAF.
WEATHER DATA SOURCES: AWOS–3 119.675 (304) 675–4618.
COMMUNICATIONS: CTAF/UNICOM 122.8
HENDERSON RCO 122.1R 115.9T (ELKINS RADIO)
Ⓡ **HUNTINGTON APP/DEP CON** 128.4
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
HENDERSON (H) VORTAC 115.9 HNN Chan 106 N38°45.25′ W82°01.57′ 344° 10.2NM to fld. 880/03W.



POTOMAC AIRPARK (See BERKELEY SPRINGS)

RAINELLE N37°58.52′ W80°48.39′ NOTAM FILE EKN. CINCINNATI
(L) VOR 116.6 RNL L–26I
RCO 122.1R 116.6T (ELKINS RADIO)

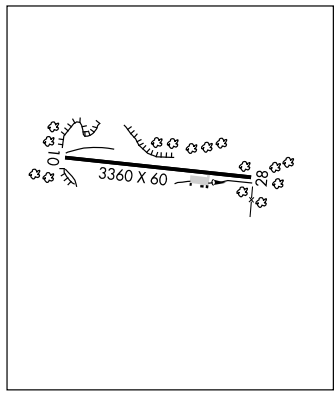
RALEIGH CO MEM (See BECKLEY)

RANDOLPH CO N38°53.64′ W79°51.57′ NOTAM FILE EKN. CINCINNATI
NDB (HW) 284 RQY at Elkins–Randolph Co–Jennings Randolph Fld. L–29C
NDB unusable:
018°–084° byd 10 NM 085°–017° byd 15 NM

RAVENSWOOD

JACKSON CO (I18) 6 SW UTC−5(−4DT) N38°55.79′ W81°49.17′ CINCINNATI
758 B S4 **FUEL**, 100LL TPA—1758(1000) NOTAM FILE EKN L–29B
RWY 04–22: H4001X75 (ASPH) 12.5 MIRL 0.5% up NE IAP
RWY 04: REIL. PAPI(P2L)—GA 3.0°TCH 44′. Trees. **RWY 22:** REIL. PAPI(P2L)—GA 4.0°TCH 46′. Trees.
AIRPORT REMARKS: Attended 1300–2100Z‡. Parachute Jumping. Deer on and invof arpt. +481 ft stack ½ mile NW of arpt. Trees on ridgeline crossing extended centerline. 25′ trees parallel to Rwy 04 15′ left of edge lgts from thld to +1000. Rotating bcn obscured to the E. ACTIVATE MIRL Rwy 04–22, REIL Rwy 04 and Rwy 22, PAPI Rwy 04 and Rwy 22, and windsock lgt—CTAF.
WEATHER DATA SOURCES: AWOS–2 121.3 (304) 273–3424.
COMMUNICATIONS: CTAF/UNICOM 122.8
HUNTINGTON APP/DEP CON 128.4
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
HENDERSON (H) VORTAC 115.9 HNN Chan 106 N38°45.25′ W82°01.57′ 046° 14.3 NM to fld. 880/03W.

RICHWOOD MUNI (3I4) 6 W UTC−5(−4DT) N38°15.51′ W80°39.04′ CINCINNATI
2486 NOTAM FILE EKN L–26I
RWY 10–28: H3360X60 (ASPH)
RWY 10: Ridge. **RWY 28:** Trees.
AIRPORT REMARKS: Attended irregularly. Arpt CLOSED ngts except in case of emergency, 5 clicks on CTAF for emergency lgts. Deer and turkeys on and invof arpt. Unlimited vehicle access to rwy. Rwy frequently snow covered winter months. Rwy 10–28 soft shoulders. Rwy 10–28 LIRL NSTD spacing, no thld lgts.
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.
BECKLEY (H) VORTAC 117.7 BKW Chan 124 N37°46.82′ W81°07.41′ 045° 37.1 NM to fld. 2500/06W. **HIWAS.**



ROBERT NEWLON FLD (See HUNTINGTON)

SHINNSTON

WADE F MALEY FLD (6WØ) 1 NE UTC−5(−4DT) N39°24.42′ W80°16.61′ **CINCINNATI**

962 NOTAM FILE EKN

RWY 05–23: 2265X45 (TURF)

RWY 05: Trees. **RWY 23:** Gnd. Rgt tfc.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. Unlimited vehicle access to arpt. Rwy 23 15′ drop–off 10′ from thld OB. Rwy 05 20′ drop–off 15′ from thld OB. High terrain all quadrants. Rwy 05–23 +20′ pole middle of rwy 75′ left and right of centerline. 400′ ridge/trees 1,100′ from thld Rwy 23 OB. 15′ drop–off 45′ from centerline full length both sides of Rwy 05–23. Apch Rwy 23 from NW; Depart Rwy 05 to NW due to ridge NE of arpt.

COMMUNICATIONS: CTAF 122.9

SIMPSON (See PHILIPPI)

SPENCER

BOGGS FLD (USW) 1 N UTC−5(−4DT) N38°49.43′ W81°20.93′ **CINCINNATI**

928 B **FUEL** 80, 100LL, JET A TPA—See Remarks NOTAM FILE EKN **L–29B**

RWY 10–28: H4549X80 (ASPH) MIRL **IAP**

RWY 10: REIL. Ground. **RWY 28:** REIL. P–line.

AIRPORT REMARKS: Unattended. 24 hr self service credit card fuel. Wildlife and deer on and invof rwy. TPA—1928(1000) single/multiengine acft, 2428(1500) turbine/large acft. ACTIVATE MIRL Rwy 10–28 and REIL Rwy 10 and Rwy 28—CTAF. ACTIVATE rotating bcn—CTAF.

WEATHER DATA SOURCES: AWOS–3 118.575 (304) 927–0123.

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **CHARLESTON APP/DEP CON** 124.1

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

HENDERSON (H) VORTAC 115.9 HNN Chan 106

N38°45.25′ W82°01.57′ 085° 32 NM to fld. 880/3W.

SUMMERSVILLE (SXL) 3 S UTC−5(−4DT) N38°13.90′ W80°52.25′ **CINCINNATI**

1820 B **FUEL** 100LL NOTAM FILE EKN **L–26I**

RWY 04–22: H3015X50 (ASPH) MIRL 0.4% up NE **IAP**

RWY 04: REIL. Trees. **RWY 22:** REIL. VASI(V2L). Trees.

AIRPORT REMARKS: Attended 1400Z–2200Z‡. Fuel available after hours by prior arrangement call 304–872–3660. Rwy 04–22 trees penetrating final approach surfaces. Deer on and invof arpt. Rwy 04 50′ drop–off from thld. Rwy 22 30′ drop–off 120′ from thld OB. Rwy 22 VASI OTS indef. Rwy 04 and 22 REIL OTS indef. ACTIVATE MIRL Rwy 04–22—CTAF.

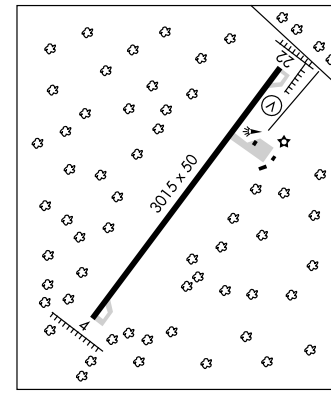
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **CHARLESTON APP/DEP CON** 119.2

RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.

BECKLEY (H) VORTAC 117.7 BKW Chan 124 N37°46.82′

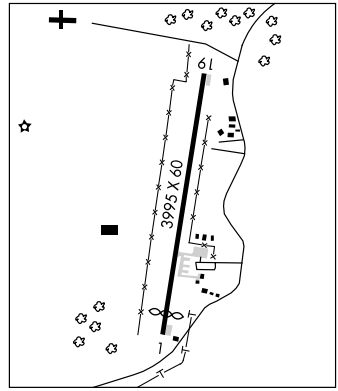
W81°07.41′ 030° 29.6 NM to fld. 2500/06W. **HIWAS.**



SUTTON

BRAXTON CO (48I) 3 E UTC−5(−4DT) N38°41.23′ W80°39.13′
1276 B **FUEL** 100LL, JET A NOTAM FILE EKN
RWY 01–19: H3995X60 (ASPH–AFSC) S–12 MIRL 0.6% up N
RWY 01: REIL. Thld dsplcd 409′. Trees.
RWY 19: REIL. Trees.
AIRPORT REMARKS: Unattended. Rwy 01–19 has 2 inch pavement lip and soft shoulder. Bcn located 1/4 mile NW of arpt. Gate access use 1234 or 0765 after 0000Z‡. After 0400Z‡ ACTIVATE MIRL Rwy 01–19, REIL Rwy 01 and Rwy 19—CTAF.
COMMUNICATIONS: CTAF 122.9
Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1200–0400Z‡)
INDIANAPOLIS CENTER APP/DEP CON 125.55 (0400–1200Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.
ELKINS (L) VORTAC 114.2 EKN Chan 89 N38°54.87′ W80°05.96′ 249° 29.3 NM to fld. 2160/07W. **HIWAS.**

CINCINNATI
L–29C
IAP



TITUS FLD (See ARTHURDALE)

TRI–STATE/MILTON J. FERGUSON FLD (See HUNTINGTON)

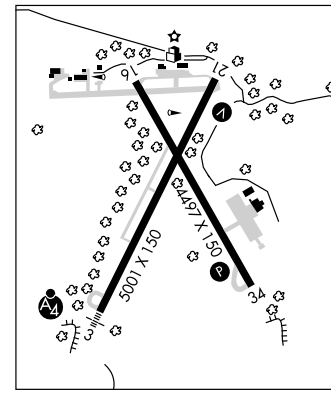
UPSHUR CO RGNL (See BUCKHANNON)

VERSI N39°15.25′ W81°29.10′ NOTAM FILE PKB.
NDB (LOM) 388 PK 028° 5.9 NM to Mid–Ohio Valley Rgnl.
LOM unusable: 000°–094° byd 10 NM blo 3,000′
095°–149° 150°–210° byd 10 NM.

WADE F MALEY FLD (See SHINNSTON)

WELCH MUNI (I25) 3 SE UTC−5(−4DT) N37°25.01′ W81°31.74′ **CINCINNATI**
2118 NOTAM FILE EKN
RWY 09–27: H2695X50 (ASPH) MIRL (NSTD)
RWY 09: Tree.
AIRPORT REMARKS: Unattended. Arpt CLOSED indef. Rwy slopes to WEST... drops off sharply. Rwy 09–27 pavement surface rough and cracking. First 300 ft Rwy 27 has 3° bend. Rwy 09–27 NSTD MIRL; no thld lgts; NSTD spacing. NSTD MIRL OTS indef. Taxi transition to apron Rwy 09–27 unmarked.
COMMUNICATIONS: CTAF 122.9

WHEELING OHIO CO (HLG) 8 NE UTC−5(−4DT) N40°10.50′ W80°38.78′ **CINCINNATI**
1195 B S2 **FUEL** 100LL, JET A NOTAM FILE HLG **H–10G, 12H, L–29B**
RWY 03–21: H5001X150 (ASPH–GRVD) S–120, D–170, ST–175, DT–290 HIRL 0.5%up NE **IAP, AD**
RWY 03: MALSF. Trees.
RWY 21: REIL. VASI(V4L)—GA 3.0° TCH 42′.
RWY 16–34: H4497X150 (ASPH) S–110, D–143, ST–175, DT–230 MIRL
0.4% up SE
RWY 16: Trees.
RWY 34: REIL. PAPI(P2L)—GA 3.0° TCH 42′. Trees.
AIRPORT REMARKS: Attended Mon–Fri 1200–0300Z‡, Sat–Sun 1300–0100Z‡. Fuel avbl 1300–0100Z‡. For fuel after hrs phone 304–559–6135 or 304–394–5281. Birds and deer on and invof arpt. REIL Rwy 21 OTS indef. When twr clsd ACTIVATE HIRL Rwy 03–21, MIRL Rwy 16–34, MALSF Rwy 03, VASI Rwy 21, PAPI Rwy 34, REIL Rwy 21 and Rwy 34, and all twy lgts except Twy A—CTAF. Marked helicopter final approach tkf area. Overnight tiedown fee.
WEATHER DATA SOURCES: ASOS 127.375 (304) 277–3504.
COMMUNICATIONS: CTAF 118.1 **UNICOM** 122.95
WHEELING RCO 118.65 122.1R 112.2T (ELKINS RADIO)
Ⓡ **PITTSBURGH APP/DEP CON** 125.275
WHEELING TOWER 118.1 (1200–0300Z‡ Mon–Fri, 1500–0100Z‡ Sat–Sun) **GND CON** 121.75



AIRSPACE: CLASS D svc effective Mon–Fri 1200–0300Z‡, Sat–Sun 1500–0100Z‡ other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE HLG.
(L) VOR/DME 112.2 HLG Chan 59 N40°15.59′ W80°34.12′ 222° 6.2 NM to fld. 1269/07W.
VOR portion unusable:
020°–026° byd 15 NM
027° byd 20 NM
028°–039° byd 10 NM
080°–100° byd 15 NM blo 11,000′
123°–133° blo 4000
150°–170° byd 15 NM
ILS 109.7 I–HLG Rwy 03. Class IE. ILS unmonitored when twr clsd. GS unusable for coupled apch blo 1401′.

WILLIAMSON

MINGO CO (4IØ) 1 NE UTC−5(−4DT) N37°41.26′ W82°15.66′ **CINCINNATI**
1575 **FUEL** 100LL NOTAM FILE EKN **L–26H**

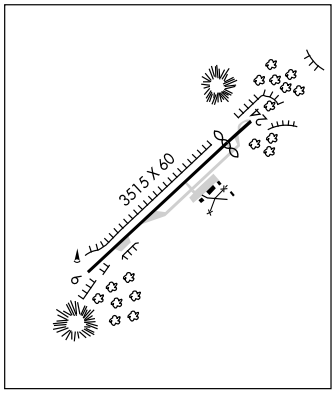
RWY 06–24: H3515X60 (ASPH) S–9
RWY 06: Tree. **RWY 24:** Thld dsplcd 515′. Tree.

AIRPORT REMARKS: Unattended. No ops SS–SR. UNICOM unmonitored.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

NEWCOMBE (L) VORTAC 110.4 ECB Chan 41 N38°09.50′ W82°54.60′ 134° 41.8 NM to fld. 1070/02W.



YEAGER (See CHARLESTON)

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2010 U.S. & CANADIAN MILITARY AERIAL AIRCRAFT/PARACHUTE DEMONSTRATIONS

During CY 2010, the U.S. and Canadian Military Aerial Demonstration Teams (Thunderbirds, Blue Angels, Snowbirds, and Golden Knights) will be performing on the dates and locations listed below.

Pilots should expect Temporary Flight Restrictions (TFR) in accordance with 14 CFR Section 91.145, Management of aircraft operations in the vicinity of aerial demonstrations and major sporting events. The dimensions and effective times of the TFRs may vary based upon the specific aerial demonstration event and will be issued via the U.S. NOTAM system. Pilots are strongly encouraged to check FDC NOTAMs to verify they have the most current information regarding these airspace restrictions.

The currently scheduled 2010 aerial demonstration locations, subject to change without notice, are:

DATE:		USAF Thunderbirds	USN Blue Angels	USA Golden Knights	Canadian Snowbirds
April	10-11	Eglin AFB, FL			
	11		NAS Key West, FL		
	17		Charleston AFB, SC		
	17-18	Lakeland, FL			
	24-25	Barksdale AFB, LA	Vidalia, GA	Ft. Lauderdale, FL	
	24-25			Galena, FL	
May	1	Dyess AFB, TX			
	2	Altus AFB, OK			
	1-2		St. Joseph, MO		
	8-9	Shaw AFB, SC	Tuscaloosa, AL	Shaw AFB, SC	Niagara Falls, NY
	8-9			Tuscaloosa, AL	
	13			Union, NJ	
	15-16	Columbus AFB, MS	Andrews AFB, MD	Columbus AFB, MS	
	15-16			Andrews AFB, MD	
	22	Grand Forks AFB, ND			
	22-23		MCAS Cherry Point, NC		
	26	Colorado Springs, CO	Annapolis, MD		
	29-30	Janesville, WI	Jones Beach, NY	Jones Beach, NY	
	29-30			Janesville, WI	
June	5-6	Ocean City, MD	Eau Claire, WI	Eau Claire, WI	
	5-6			Florence, SC	
	12-13		Milwaukee, WI	Milwaukee, WI	
	19-20	Tinker AFB, OK	Cape Girardeau, MO	Cape Girardeau, MO	
	19-20			Gaylord, MI	
	26-27	North Kingstown, RI	St. Cloud, MN	Findlay, OK	
July	3			Madison, WI	
	3			Dubuque, IA	
	3-4		Traverse City, MI		
	4			Ft Bragg, NC	
	10		Pensacola Beach, FL		
	10-11	Gary, IN		Gary, IN	
	17-18	Duluth, MN	Dayton, OH		
	24-25	Fairchild AFB, WA	Idaho Falls, ID		
	28	Cheyenne, WY			
	29			Goshen, IN	
	29			Ft AP Hill, VA	
	31	Rockford, IL	Anchorage, AK	Rockford, IL	Elmendorf AFB, AK
	31			Johnstown, PA	

DATE:		USAF Thunderbirds	USN Blue Angels	USA Golden Knights	Canadian Snowbirds
August	1	Rockford, IL	Anchorage, AK	Rockford, IL	Elmendorf AFB, AK
	1			Johnstown, PA	
	7-8	TBD	Seattle, WA		
	14-15		Chicago, IL	Chicago, IL	
	21-22	Westfield, MA		Westfield, MA	
	21-22			Kansas City, MO	
	25			Atlantic City, NJ	
	26			Ft Monroe, VA	
	28-29	Coney Island (Brooklyn), NY	Portsmouth, NH	Coney Island (Brooklyn), NY	
	28-29			Portsmouth, NH	
September	4-5	Martinsburg, WV		Cleveland, OH	
	4-5			Martinsburg, WV	
	4-6		Cleveland, OH		
	11-12	Corapolis (Pittsburgh), PA	Scott AFB, IL	Corapolis (Pittsburgh), PA	
	11-12			Scott AFB, IL	
	18-19	Whiteman AFB, MO	NAS Oceana, VA	Whiteman AFB, MO	Reno, NV
	25-26	McConnell AFB, KS	MCAS Kaneohe Bay, HI		
October	1-3		MCAS Miramar, CA		MCAS Miramar, CA
	2-3	Salinas, CA		MCAS Miramar, CA	
	2-3			Jackson, MS	
	9-10	Little Rock AFB, AR	San Francisco, CA	Little Rock, AFB, AR	Daytona Beach, FL
	16-17	El Paso, IX	Dobbins AFB, GA	El Paso, TX	Atlanta, GA
	23-24	Houston, TX	NAS Jacksonville, FL	Washington, DC	
	30-31	Cocoa Beach, FL	Ft Worth Alliance, TX	Ft Worth Alliance, TX	
November	6-7	Lackland AFB, TX	Homestead ARB, FL	Lackland AFB, TX	
	6-7			Homestead ARB, FL	
	11-14			Ft Bragg, NC	
	12-13		NAS Pensacola, FL		
	13-14	Nellis AFB, NV			

Note: Dates and locations are scheduled ''show dates'' only and do not reflect arrival or practice date TFR periods that may precede the specific aerial demonstration events listed above. Again, pilots are strongly encouraged to check FDC NOTAMs to verify they have the most current information regarding any airspace restrictions.

Washington DC SFRA Special Terms & Procedures

Procedures for Traffic Pattern Work:

Towered Airport: Request pattern work from tower; squawk 1234, remain in two-way communication with tower.

Non-Towered Airport: File DC SFRA flight plan; obtain and squawk discrete transponder code, communicate pattern position via published CTAF, and have ability to monitor VHF guard on 121.5 or UHF guard on 243.0

ATC Terms Specific to the DC SFRA:

Security services: Identification, communications and security tracking provided by an ATC facility in support of DOD, or other security elements. *NOTE*: *Security services do not include basic radar services or any other ATC services*.

Transponder observed: Used to inform a pilot that the aircraft's assigned beacon code and position has been observed. This transmission does *not* imply ATC services. It conveys only that the transponder reply has been observed and its position correlated for movement through security airspace.

Remain on the code until you land: Used when Potomac hands an inbound VFR flight off to the tower or authorizes change to advisory frequency for non-towered airports. It reminds pilots to remain on the assigned discrete transponder code until after landing. *NEVER squawk 1200 inside the DC SFRA*.

Emergency Procedures:

Transponder failure: An aircraft unable to transmit the ATC-assigned transponder code must contact ATC and comply with all instructions. If unable to contact ATC, the aircraft must exit the DC SFRA by the most direct lateral route.

Intercepts: Review interception procedures in the AIM. If you are intercepted, follow all instructions given by the intercepting aircraft. Monitor 121.5, provide call sign / position, and squawk 7700 unless otherwise directed.

Potomac TRACON Telephone Numbers

Area Name	Nearest major airport)	Telephone
Shenandoah	Dulles (IAD)	1-866-709-4993 1-540-349-4097
Mount Vernon	Reagan National (DCA) Andrews AFB (ADW)	1-866-599-3874 1-540-349-0493
Chesapeake	Baltimore (BWI)	1-866-429-5882 1-540-349-8478
James River	Richmond (RIC) Charlottesville (CHO)	1-866-640-4124 1-540-349-9697

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Washington DC SFRA Standard Requirements

Requirements to operate to/from, or within the DC SFRA
(effective 0001 EST 17 February 2009)

1. Two-way radio

2. Operating transponder with altitude reporting (Mode C)

3. Flight plan appropriate to intended operation:

   IFR: IFR flight plan
   VFR: DC SFRA flight plan for all operations, *except*:

   - Fringe airport egress (*no flight plan required*)
   - Towered airport pattern work (*make request to tower*)

4. Discrete transponder code for all operations, *except*:

   - Leesburg (JYO) ingress (1227) or egress (1226)
   - Fringe airport egress (1205)
   - Towered airport pattern work (1234)

5. VFR speed restriction (≤ 180 KIAS in DC SFRA, & ≤ 230 KIAS from 30 NM - 60 NM from DCA VOR/DME unless otherwise authorized.)

6. Communication with ATC for all operations, *except*:

   - Leesburg (JYO) ingress/egress: make CTAF calls
   - Fringe airport egress: monitor guard if able
   - Towered airport pattern work: talk to tower
   - Non-towered airport pattern work:
     - Make CTAF calls & monitor guard if able

Activate: A DC SFRA flight plan to enter/exit the DC SFRA under VFR activates when the pilot obtains a discrete transponder code *except*:

- Leesburg (JYO) ingress/egress: with CTAF calls
- Fringe airport egress: when pilot squawks 1205
- Towered airport pattern: with squawk & talk
- Non-towered airport pattern: with CTAF calls

Closing: The DC SFRA flight plan closes when the aircraft exits or lands at an airport inside the DC SFRA.

Washington DC SFRA VFR Outbound Procedures*

Step 1: Preflight—File a DC SFRA Flight Plan

- *ALWAYS* review NOTAMs for current TFR information.
- File DC SFRA flight plan.
  "I would like to file a DC SFRA flight plan for VFR flight from (departure airport) to (appropriate exit gate)"
- If desired, file separate VFR flight plan (search-and-rescue) to be activated after exiting the DC SFRA.

Step 2: Pre-Takeoff — Activate DC SFRA Flight Plan

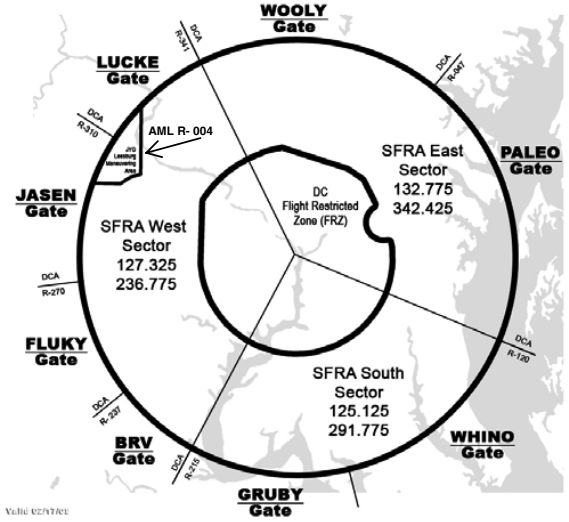
- Call ATC (tower, RCO, phone) for frequency & squawk.
  "Potomac Clearance, (call sign) at Tipton, VFR departure."
- Set assigned frequency & transponder code.
- Verify that Mode C (ALT) is on.

Step 3: After Takeoff—Communicate w/ ATC

- Establish radio contact with Potomac TRACON.
  "Potomac Departure, (call sign), off Tipton"
- Monitor assigned frequency
- Remain out of Class B unless explicitly cleared to enter.

Step 4: Exiting—Close DC SFRA Flight Plan

- Remain on frequency/squawk until ATC authorizes change; DC SFRA flight plan closes upon exiting the DC SFRA.



***ALWAYS** check NOTAMS!*

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rev. 02/06/09

Washington DC SFRA VFR Inbound Procedures*

Step 1: Preflight—File a DC SFRA Flight Plan

- *ALWAYS* review NOTAMs for current TFR information.
- File DC SFRA flight.
  "I would like to file a DC SFRA flight plan for VFR flight from (appropriate entry gate) to (destination airport)."

Step 2: Before Entry - Activate DC SFRA Flight Plan

- Before entry, call Potomac to request transponder code.
  "Potomac Approach, (call sign), VFR inbound to Gaithersburg."
- Set assigned code and verify that Mode C (ALT) is on.
- Continue inbound unless otherwise instructed.
- Remain out of Class B unless explicitly cleared to enter.

Step 3: After Entry—Communicate w/ ATC

- Monitor Potomac TRACON.
- Remain out of Class B airspace unless explicitly cleared to enter.

Step 4: Arriving—Close DC SFRA Flight Plan

- Change to tower / advisory frequency when so instructed .
- Remain on assigned transponder code until you land.
- DC SFRA flight plan closes upon landing.

Entry/Exit Filing Gates for DC SFRA Flight Plans

Gate (Freq)	Defining Radials (DCA)		Visual Checkpoints	
WOOLY (132.775)	R-341	R-044	I-270	I-95
PALEO (132.775)	R-045	R-119	I-95	Abeam Chesapeake Beach
WHINO (125.125)	R-120	R-172	Abeam Chesapeake Beach	Northern boundary Wicomico River
GRUBY (125.125)	R-173	R-214	Northern boundary Wicomico River	Western boundary Potomac River / Widewater Beach
BRV (127.325)	R-215	R-236	Western boundary Potomac River / Widewater Beach	West side of Lunga Reservoir
FLUKY (127.325)	R-237	R-269	West side of Lunga Reservoir	VA Route 29
JASEN (127.325)	R-270	R-309	VA Route 29	VA Route 7
LUCKE (127.325)	R-310	R-339	VA Route 7	I-270

**See page 1 for JYO ingress/egress & fringe airport egress procedures.*
For detailed information, see online DC SFRA course at www.faasafety.gov

3
rev. 02/06/09

EASTON, MARYLAND NOISE ABATEMENT PROCEDURE

When Easton Airport Traffic Control Tower is closed:

Departure RWY 22: Right turn and avoid overflight of Town of Easton. Departure RWY 04: Left turn at end of RWY to parallel HWY 50 until past mobile home park.

No intersection take offs. VFR Arrivals: Report the Miles River bridge, 2.7 miles southwest of the airport at 2000′ MSL for sequence to all RWYS. Contact 410–770–8055.

WEST ATLANTIC ROUTE SYSTEM (WATRS)

Effective immediately, all operators entering New York Center's West Atlantic Route System (WATRS) southbound on ATS Routes L453, L454, L455, L456, L457, L459, L461, and L462, shall file and plan the following routing.

SOUTHBOUND
SOUTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS FROM NEW YORK METROPOLITAN AREA

All operators entering New York Center's West Atlantic Route System (WATRS) southbound on ATS routes: L453, L454, L455, L456, L457, L459, L461 AND L462 shall flight plan and file the following routes:

ATS ROUTE	WATRS ACCESS ROUTING (SOUTHBOUND ONLY)
For L453;	. . . LINND–AZEZU–L453 . . .
For L453 VIA B24;	. . . B24–AZEZU–L453 . . .
For L454;	. . . LINND–ROLLE–ATUGI–L454 . . .
For L454 VIA B24;	. . . B24–WEBBB–ROLLE–ATUGI–L454 . . .
For L455;	. . . LINND–RESQU–UMEDA–L455 . . .
For L455 VIA B24;	. . . B24–WEBBB–RESQU–UMEDA–L455 . . .
For L456;	. . . LINND–SQUAD–DARUX–L456 . . .
For L456 VIA B24;	. . . B24–WEBBB–RESQU–DARUX–L456 . . .
For L457;	. . . LINND–RESQU–UMEDA–L457 . . .
For L457 VIA B24;	. . . B24–WEBBB–RESQU–UMEDA–L457 . . .
For L459;	. . . LINND–SQUAD–DARUX–L459 . . .
For L459 VIA B24;	. . . B24–WEBBB–RESQU–DARUX–L459 . . .
For L461;	. . . LINND–KINGG–KINER–L461 . . .
For L462;	. . . LINND–KAYYT–L462 . . .
For L462 VIA ACK;	. . . ACK–J97–LACKS–KAYYT–L462 . . .

EASTBOUND
TRANSITION TO NEW YORK OCEANIC CTA/FIR

VIA: ORF AR9 ZIBUT

All operators transitioning the New York Center West Atlantic Route System (WATRS) via ZIBUT intersection, en route to the New York Center North Atlantic MNPS airspace, are encouraged to flight plan via:

ZIBUT direct **LARGE** direct SLATN or JOBOC or DOVEY

Operators opting to flight plan via any other fix or latitude/longitude coordinates east of ZIBUT intersection shall expect no higher than FL290 and may be rerouted to accommodate WATRS non–radar traffic.

NOTE–This route may be filed bi–directionally

NORTHBOUND
NORTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS TO NEW YORK METROPOLITAN AREA

All northbound operators exiting New York Center's West Atlantic Route System (WATRS) on routes L453, L454, L455, L456, L457, L459, L461 AND L462 shall flight plan and file the following transition routes to join domestic routing:

ATS ROUTE	WATRS EXIT ROUTING (NORTHBOUND ONLY)
From L453;	. . . AZEZU–BERGH . . .
From L454;	. . . OKONU–L454–BERGH . . .
From L454 TO B24;	. . . OKONU–L454–WEBBB–B24 . . .
From L455;	. . . SAVIK–L455–BERGH . . .
From L455 TO B24;	. . . SAVIK–AZEZU–B24 . . .
From L456;	. . . MARIG–BERGH . . .
From L457;	. . . OKONU–L457–BERGH . . .
From L457 TO B24;	. . . OKONU–L457–WEBBB–B24 . . .
From L459;	. . . SAVIK–L459–BERGH . . .
From L459 TO B24;	. . . SAVIK–AZEZU–B24 . . .
From L461;	. . . MARIG–BERGH . . .
From L462;	. . . KAYYT–BERGH. . . . or KAYYT–LACKS–ACK . . .

WAKE TURBULENCE FOR INTERSECTION DEPARTURES
Teterboro Airport (TEB)
Teterboro, New Jersey

Teterboro Airport Traffic Control Tower has been granted a waiver to the guidelines that require a 3–minute interval for a small aircraft departing from an intersection behind a preceding departing large aircraft. This waiver authorizes the tower to depart small aircraft from the intersection of RWY 01 and Twy Kilo without requiring a 3–minute interval behind a preceding large aircraft that departs from the end of the runway.

AEROBATIC PRACTICE AREA
Roxbury, Connecticut

Aerobatic practice area will be conducted between the altitudes of 2500 ft and 4500 ft MSL and performed within an approximate 2 mile radius of a point defined from the CARMEL VOR (CMK) as the 052 degree radial/21.9 GPS–DME fix. It is 8 NM NW of the Oxford, CT airport (OXC).

SEARCH LIGHT DEMONSTRATION
Baltimore, Maryland
Downtown, at the Inner Harbor
Each evening, seven days per week

A vertical search light beam demonstration will be conducted at the Pier V Hotel, at Baltimore Inner Harbor, Baltimore, Maryland, BAL 028/7. Lat N39°17′24″, Long W76°36′27″. Search light beams are being radiated from the SFC upward. Flashblindness or cockpit illumination may occur at several miles distance. The Leesburg Automated Flight Service Station, 1–703–771–3696 is the FAA coordination facility.

LASER BASED ATMOSPHERIC RESEARCH
INTERVALE VILLAGE/MOUNT WASHINGTON VALLEY
Bartlett, New Hampshire

Laser based atmospheric research will be conducted at Intervale Village in the town of Bartlett, New Hampshire. The ''Ground Winds'' system is a research laser that will be located at Latitude 44°05′56.24″ North, Longitude 071°09′31.25″ West (NAD83), or BML 195 032. Laser research will be conducted continuously.

The laser light will project at a fixed 45° angle, as measured from the horizon, from the surface to 60,000 feet and beyond. When activated, the light will be at a fixed azimuth. However, the azimuth will periodically change. At 10,000 feet in altitude, the internal cone will only be 10 miles in diameter, but only projecting in one direction (azimuth) at any time. Avoid airborne hazard, this beam may be injurious to Pilots/Aircrews and passengers eyes within 9 nautical miles. The secondary effects of Flash blindness or Cockpit Illumination may occur at great distances. The Bostin Air Route Traffic Control Center, (603) 879–6655, is the FAA coordination facility.

Laser Light Activity
Canobie Lake Water Park, Salem, New Hampshire

Laser light shows are being conducted at the Canobie Lake Water Park in Salem, NH. Show orientation and laserbeam projections will be directed in all 360° directions. Laser light beams may be injurious to pilot's/passenger's eyes within 3,000 feet laterally of the light source and surface to 1,650 feet AMSL. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. The laser will be stationed at N42°47′32″/W071°14′44″ (LWM 310/7.4 DME). Manchester ATCT 1–603–666–7591 will be the coordination facility.

LASER LIGHT DEMONSTRATION
Atlantic City, New Jersey

Laser light demonstrations are being conducted at the Atlantic Park, downtown Atlantic City, New Jersey, 0001–0700 UTC, ACY VORTAC 145/8.5. Approximately: 39°21′31″N/74°26′15″W. Laser light beam may be injurious to pilots/passengers eyes within 100 feet above ground, 100 feet AMSL, 900 feet laterally of the light source. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. The Atlantic City ATCT, 609–641–3940, is the coordination facility.

LASER LIGHT DEMONSTRATION
Darien Lake Theme Park, Darien Center, New York

Laser light demonstrations are being conducted at the Darien Lake Theme Park, Darien Center, NY. The show orientation and laser beam projection are directed to the southern half of a circle form this site. Buffalo VOR/DME 100R/12NM. (42°56′04″N/78°23′30″W). Laser light beams may be injurious to pilot's/passenger's eyes within 2,800 feet of the light source, 1,600 feet above ground level. The secondary effect of flash blindness or cockpit illumination may occur beyond these distances. The Buffalo ATCT, 716–633–0664 is the FAA coordination facility.

LASER LIGHT DEMONSTRATIONS
DORNEY THEME PARK, DORNEYVILLE, PENNSYLVANIA

Laser light demonstrations are being conducted at the Dorney Theme Park, northwest of Dorneyville, PA. Show orientation and laserbeam projections directed to the southern quadrant from FJC 210D/10DME (N40°34′47″/W75°32′06″). Laser light beams may be injurious to pilot's/passenger's eyes within 2000 ft laterally of the light source, 500 ft AGL, 1100 ft AMSL. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. Allentown ATCT, 1–610–264–4539 is the FAA coordination facility.

MODEL AIRCRAFT ACTIVITY, HARFORD COUNTY MARYLAND

Radio controlled model aircraft operating to 800 feet AGL vicinity of N39°37′30″ W76°18′35″ in Harford County, Maryland.

INTERSECTION DEPARTURES DURING PERIOD OF DARKNESS
GENERAL EDWARD LAWRENCE LOGAN INTERNATIONAL AIRPORT (BOS)
BOSTON, MASSACHUSETTS

Boston Logan International Airport Traffic Control Tower has been granted a waiver to the guideline that prohibits the control tower from taxiing an aircraft into ''position and hold'' at an intersection, between sunset and sunrise.

This waiver will allow the tower to taxi the aircraft into ''position and hold'' during period of darkness, at the intersections listed below.

Runway 04R at Taxiway Charlie

Runway 22L at Taxiway Charlie

Aircraft shall not taxi into position and hold under the provisions of this waiver when the subject intersection is not visible from the tower. When the provisions of this waiver are being exercised, the affected runways shall be used for departures only. Intersection departures will continue to be utilized at other locations between sunset and sunrise. However, aircraft cannot be taxied into ''position and hold'' prior to takeoff clearance.

INTERSECTION DEPARTURES DURING PERIOD OF DARKNESS
NEWARK LIBERTY INTERNATIONAL AIRPORT (EWR)
NEWARK, NEW JERSEY

Newark International Airport Traffic Control Tower has been granted a waiver to the guidelines that prohibits the control tower from taxiing an aircraft into ''position and hold'' at an intersection, between sunset and sunrise.

This waiver allows the tower to taxi aircraft into ''position and hold'' during period of darkness, at the intersections listed below.

Runway 22R at Taxiway Whiskey
Runway 22L at Taxiway Whiskey
Runway 29 at Taxiway Romeo

Aircraft shall not taxi into position and hold under the provisions of this waiver when the subject intersection is not visible from the tower. When the provisions of this waiver are being exercised, the affected runways shall be used for departures only. Intersection departures will continue to be utilized at other locations between sunset and sunrise. However, aircraft cannot be taxied into ''position and hold'' prior to takeoff clearance.

INTERSECTION DEPARTURES DURING PERIOD OF DARKNESS
JOHN F KENNEDY INTERNATIONAL AIRPORT (JFK)
NEW YORK, NEW YORK

Kennedy Airport Traffic Control Tower has been granted a waiver to the guidelines that prohibits the control tower from taxiing an aircraft into ''position and hold'' at an intersection, between sunset and sunrise.

This waiver allows the tower to taxi aircraft into ''position and hold'' during period of darkness, at the intersections listed below.

Runway 13R at Taxiway Papa Delta
Runway 22R at Taxiway Charlie
Runway 31L at Taxiway Kilo Kilo
Runway 31R at Taxiway Zulu Alpha

Aircraft shall not taxi into position and hold under the provisions of this waiver when the subject intersection is not visible from the tower. When the provisions of this waiver are being exercised, the affected runways shall be used for departures only. Intersection departures will continue to be utilized at other locations between sunset and sunrise. However, aircraft cannot be taxied into ''position and hold'' prior to takeoff clearance.

INTERSECTION DEPARTURES DURING PERIOD OF DARKNESS
PITTSBURGH INTERNATIONAL AIRPORT (PIT)
PITTSBURGH, PENNSYLVANIA

Pittsburgh Airport Traffic Control Tower has been granted a waiver to the guidelines that prohibits the control tower from taxiing an aircraft into ''position and hold'' at an intersection, between sunset and sunrise.

This waiver allows the tower to taxi the aircraft into ''position and hold'' during periods of darkness, at the intersections listed below.

Runway 28L at Taxiway Papa

Aircraft shall not taxi into position and hold under the provisions of this waiver when the subject intersection is not visible from the tower. When the provisions of this waiver are being exercised, the affected runways shall be used for departures only. Intersection departures will continue to be utilized at other locations between sunset and sunrise. However, aircraft cannot be taxied into ''position and hold'' prior to takeoff clearance.

INTERSECTING RUNWAY OPERATIONS
NEWARK LIBERTY INTERNATIONAL AIRPORT (EWR)
NEWARK, NEW JERSEY

Newark Liberty International (EWR) Airport Traffic Control Tower (ATCT) has been authorized to conduct intersecting runway operations to Runway 29 and Runway 04R whereby an aircraft arriving Runway 29 shall be through the intersection of Runway 04R prior to the arriving aircraft on Runway 04R reaching a point no closer than 5,000 feet from the intersection of both runways.

LAND AND HOLD SHORT LIGHTS (for LAHSO) BOSTON–LOGAN AIRPORT, MASSACHUSETTS

Land and Hold Short lights have been installed on four runways at Boston–Logan Airport (BOS). These in–pavement lighting systems will remain on/flashing whenever LAHSO is expected to be conducted to that particular runway. Flight crews should also expect to see these lights on/flashing even when authorized the full length of the runway for landing, or when utilizing that runway for departure.

Land and Hold Short lights have been installed at the following locations:

Runway 22L (Short of Runway 27/09)

Runway 4L (Short of Runway 33R/15L)

Runway 27 (Short of Runway 22L/04R)

Runway 15R (Short of Runway 09/27)

CHARLESTON, WEST VIRGINIA

Mine blasting approximately 25 NM south and southeast of Charleston, West Virginia as follows:

Mine Blasting HVQ VORTAC 110° 25 DME to 400′ AGL

Mine Blasting HVQ VORTAC 189° 26 DME to 300′ AGL

CAUTION—FISH SPOTTING ACTIVITY—CHESAPEAKE BAY AND COASTAL WATERS

Caution is advised for extensive fish spotter aircraft activity between May 1 and December 1 upwards from 1500 feet above the surface over the Chesapeake Bay and adjacent coastal waters. Pilots should be alert for this activity. For further information contact FAA/Norfolk ATCT on 1–757–460–5142.

BOSTON, MASSACHUSETTS

To avoid the concentration of aircraft arriving and departing Boston, pilots requesting IFR flight at and below altitudes 14,000 feet MSL should file for airways beyond 40 NM from Boston VORTAC between the hours of 0800-2100 local. Traffic to/from Maine and Cape may file V167.

BOURNE, MASSACHUSETTS

Aircraft operation below 2000 ft and within 3 miles of Pave Paws radar site located in Restricted Area 4101 may experience momentary erratic operation of cockpit instruments or navigational equipment. Pilots are encouraged to submit reports of such occurrences to nearest FAA Air Traffic Facility.

SPECIAL NORTH ATLANTIC, CARIBBEAN AND PACIFIC AREA COMMUNICATIONS

VHF air-to-air frequencies enable aircraft engaged in flights over remote and oceanic areas out of range of VHF ground stations to exchange necessary operational information and to facilitate the resolution of operational problems.

Frequencies have been designated as follows:

North Atlantic area:	123.45 MHz
Caribbean area:	123.45 MHz
Pacific area:	123.45 MHz

MILITARY TRAINING ROUTES

The DOD Flight Information Publication AP/1B provides textual and graphic descriptions and operating instructions for all military training routes (IR, VR, SR) and refueling tracks/anchors. Complete and more comprehensive information relative to policy and procedures for IRs and VRs is published in FAA Handbook 7610.4 (Special Military Operations) which is agreed to by the DOD and therefore directive for all military flight operations. The AP/1B is the official source of route data for military users.

CIVIL USE OF MILITARY FIELDS:

U.S. Army, Air Force, Navy and Coast Guard Fields are open to civil fliers only in emergency or with prior permission. Army Installations, prior permission is required from the Commanding Officer of the installation.

For Air Force installations, prior permission should be requested at least 30 days prior to first intended landing from either Headquarters USAF (PRPOC) or the Commander of the installation concerned (who has authority to approve landing rights for certain categories of civil aircraft). For use of more than one Air Force installation, requests should be forwarded direct to Hq USAF (PRPOC), Washington, D.C. 20330.

Use of USAF installations must be specifically justified.

For Navy and Marine Corps installations, prior permission should be requested at least 30 days prior to first intended landing. An Aviation Facility License must be approved and executed by the Navy prior to any landing by civil aircraft.

Forms and further information may be obtained from the nearest U.S. Navy or Marine Corps aviation activity.

For Coast Guard fields prior permission should be requested from the Commandant, U.S. Coast Guard via the Commanding Officer of the field.

When instrument approaches are conducted by civil aircraft at military airports, they shall be conducted in accordance with the procedures and minimums approved by the military agency having jurisdiction over the airport.

AIRCRAFT LANDING RESTRICTIONS

Landing of aircraft at locations other than public use airports may be a violation of Federal or local law. All land and water areas are owned or controlled by private individuals or organizations, states, cities, local governments, or U.S. Government agencies. Except in emergency, prior permission should be obtained before landing at any location that is not a designated public use airport or seaplane base.

Landing of aircraft is prohibited on lands or waters administered by the National Park Service, U.S. Fish and Wildlife Service, U.S. Forest Service, and on many areas controlled by the U.S. Army Corps of Engineers, unless prior authorization is obtained from the respective agency.

CONTINUOUS POWER FACILITIES

In order to insure that a basic ATC system remains in operation despite an areawide or catastrophic commercial power failure, key equipment and certain airports have been designated to provide a network of facilities whose operational capability can be utilized independent of any commercial power supply.

In addition to those facilities comprising the basic ATC system, the following approach and lighting aids have been included in this program for a selected runway.

1. ILS (Localizer, Glide Slope, COMLO, Inner, Middle and Outer Markers)
2. Wind Measuring Capability
3. Approach Light System (ALS) or Short ALS (SALS)
4. Ceiling Measuring Capability
5. Touchdown Zone Lighting (TDZL)
6. Centerline Lighting (CL)
7. Runway Visual Range (RVR)
8. High Intensity Runway Lighting (HIRL)
9. Taxiway Lighting
10. Apron Light (Perimeter Only)

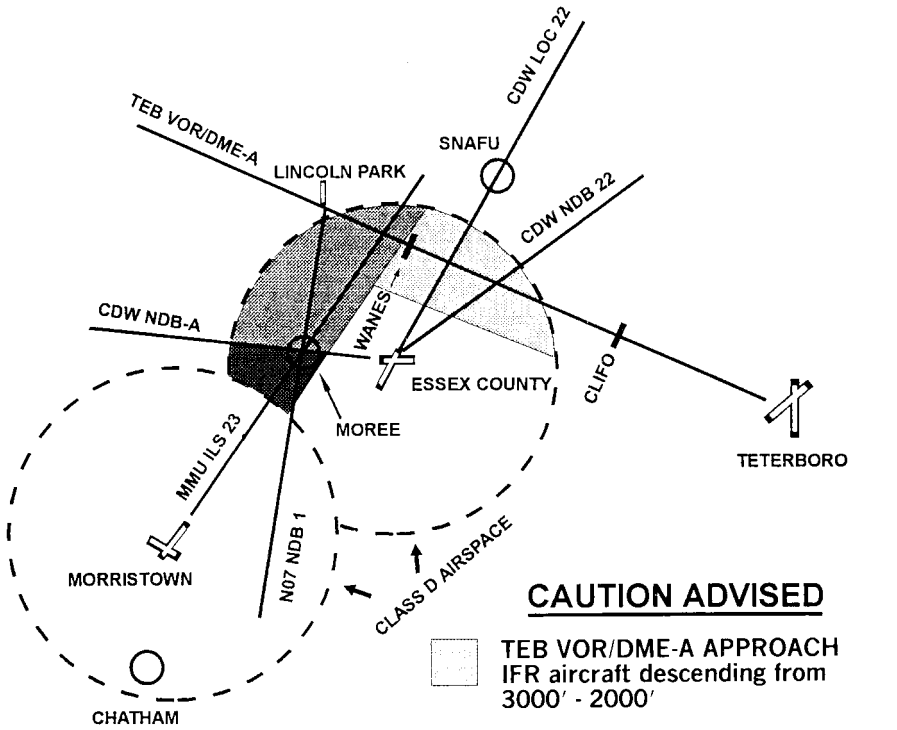
The following have been designated ''Continuous Power Airports,'' and have independent back up capability for the equipment installed.

Airport/Ident	Runway No.	Airport/Ident	Runway No.
Albuquerque, NM (ABQ)	08	Milwaukee, WI (MKE)	01L
Anchorage, AK (ANC)	07R	Minneapolis, MN (MSP)	30L
Andrews AFB, MD (ADW)	01L	Nashville, TN (BNA)	02L
Atlanta, GA (ATL)	09R	New Orleans, LA (MSY)	10
Baltimore, MD (BWI)	10	New York, NY (JFK)	04R
Bismarck, ND (BIS)	31	New York, NY (LGA)	22
Boise, ID (BOI)	10R	Newark, NJ (EWR)	04R
Boston, MA (BOS)	04R	Oklahoma City, OK (OKC)	35R
Charlotte, NC (CLT)	36L	Omaha, NE (OMA))	14R
Chicago, IL (ORD)	14R	Ontario, CA (ONT)	26L
Cincinnati, OH (CVG)	36C	Philadelphia, PA (PHL)	09R
Cleveland, OH (CLE)	06R	Phoenix, AZ (PHX)	08
Dallas/Fort Worth, TX (DFW)	17C	Pittsburgh, PA (PIT)	10L
Denver, CO (DEN)	35R	Reno, NV (RNO)	16R
Des Moines, IA (DSM)	31	Salt Lake City, UT (SLC)	34L
Detroit, MI (DTW)	03R	San Antonio, TX (SAT)	12R
El Paso, TX (ELP)	22	San Diego, CA (SAN)	09
Fairbanks, AK (FAI)	01L	San Francisco, CA (SFO)	28R
Great Falls, MT (GTF)	03	San Juan, PR (SJU)	08
Honolulu, HI (HNL)	08L	Seattle, WA (SEA)	16C
Houston, TX (IAH)	26L	St. Louis, MO (STL)	30R
Indianapolis, IN (IND)	05L	Tampa, FL (TPA)	36L
Jacksonville, FL (JAX)	07	Tulsa, OK (TUL)	36R
Kansas City, MO (MCI)	19R	Washington, DC (DCA)	01
Los Angeles, CA (LAX)	24R	Washington, DC (IAD)	01R
Memphis, TN (MEM)	36L	Wichita, KS (ICT)	01L
Miami, FL (MIA)	08R		

NOTE—The existing CPA runway is listed. Pending and future changes at some locations will require a revised runway designation.

CALDWELL - TETERBORO - MORRISTOWN

INSTRUMENT APPROACH - AIRSPACE INTERACTION CHART



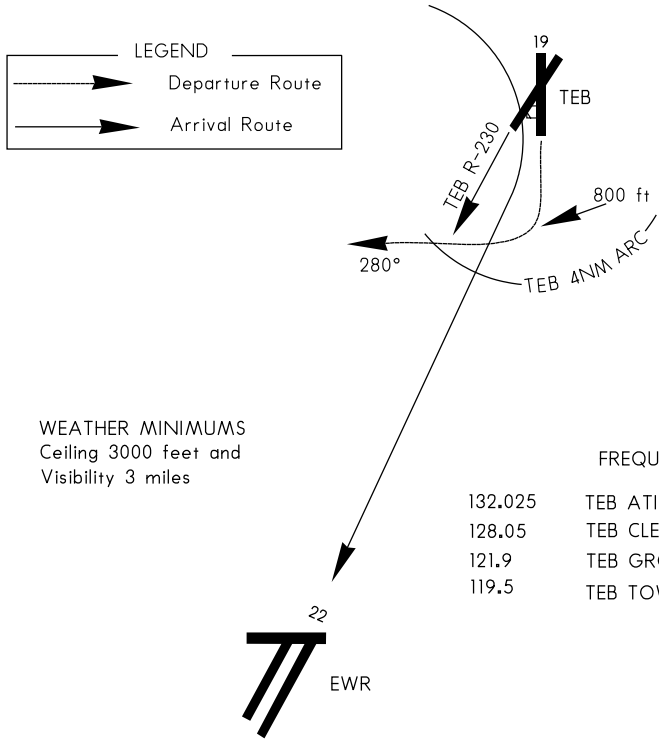
TERMINAL AREA GRAPHIC NOTICE

(Not to be used for Navigation)

Teterboro (TEB) Airport Runway 19 VFR Departure Procedure with Transition to an IFR Clearance when Newark is landing Runway 22 and Teterboro is departing Rwy 19.

"DALTON DEPARTURE PROCEDURE"

PILOTS SHOULD SPECIFICALLY REQUEST THIS PROCEDURE USING THE ABOVE NAME.



WEATHER MINIMUMS
Ceiling 3000 feet and
Visibility 3 miles

FREQUENCIES

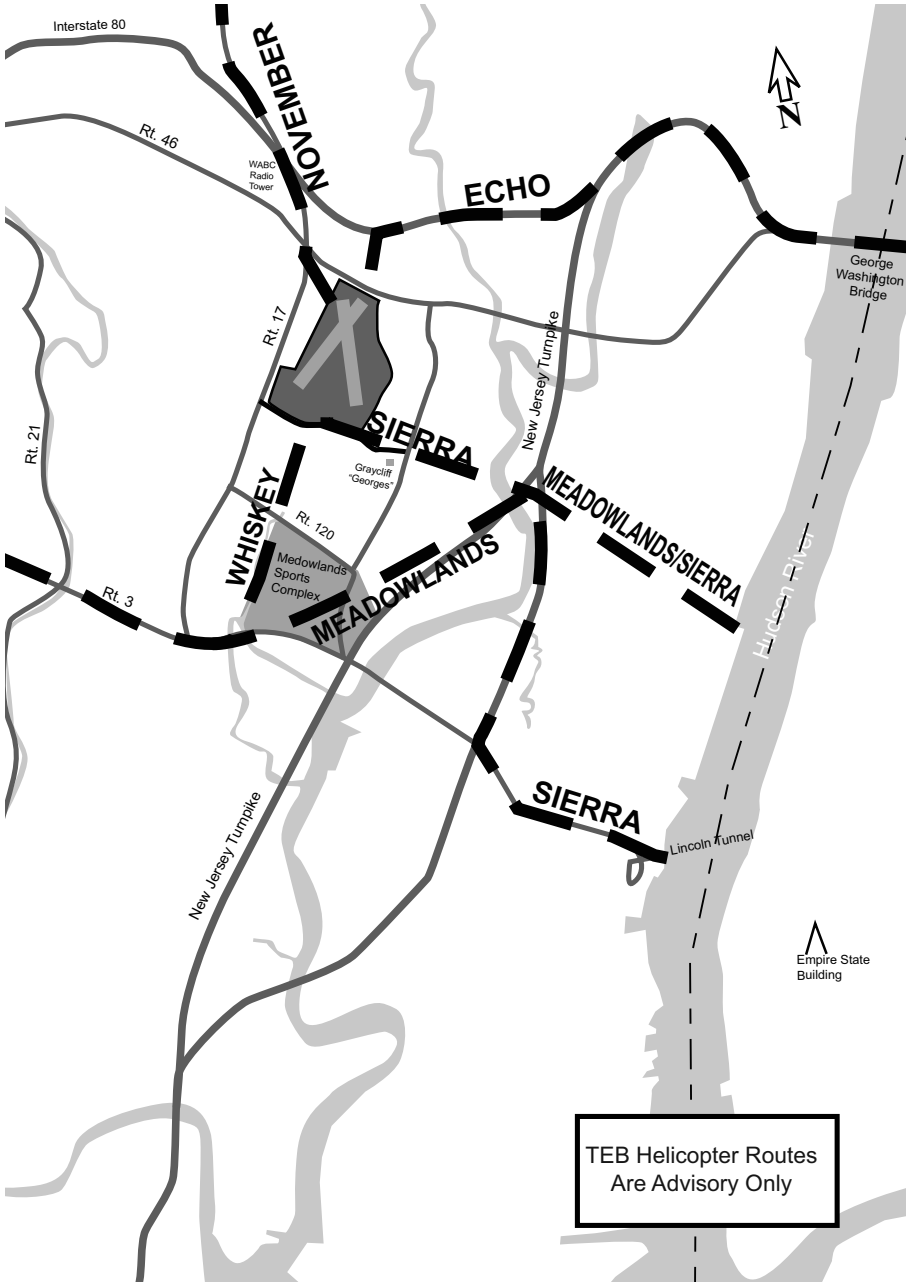
132.025	TEB ATIS
128.05	TEB CLEARANCE DELIVERY
121.9	TEB GROUND CONTROL
119.5	TEB TOWER

FLY RUNWAY HEADING UNTIL 800 FEET, THEN TURN RIGHT HEADING 280. COMPLETE THE TURN RIGHT WITHIN 4 DME FROM TEB. MAINTAIN VFR AT OR BELOW 1,300 FEET; DO NOT EXCEED 190 KNOTS. IF UNABLE, ADVISE.

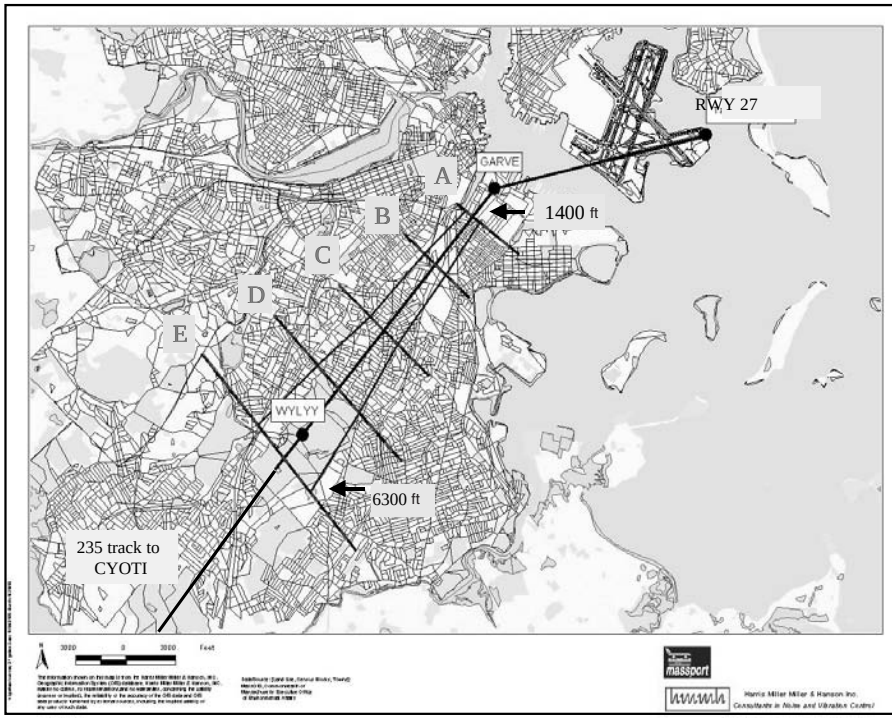
EXPECT A CLIMB CLEARANCE AFTER CROSSING THE TEB R-230. THE CLIMB CLEARANCE CONSTITUTES IFR ACTIVATION AND PILOTS ARE EXPECTED TO RESUME NORMAL AIRSPEED. EXPECT CONTROL INSTRUCTION TO A DEPARTURE FIX AS DESCRIBED IN THE PUBLISHED TEB STANDARD INSTRUMENT DEPARTURE.

NOTE: CAUTION WAKE TURBULENCE. NEWARK ARRIVALS DESCENDING OVERHEAD FROM 3000′ TO 1800′.

TETERBORO HELICOPTER ROUTES



Boston Runway 27 Noise Abatement Departure Procedures

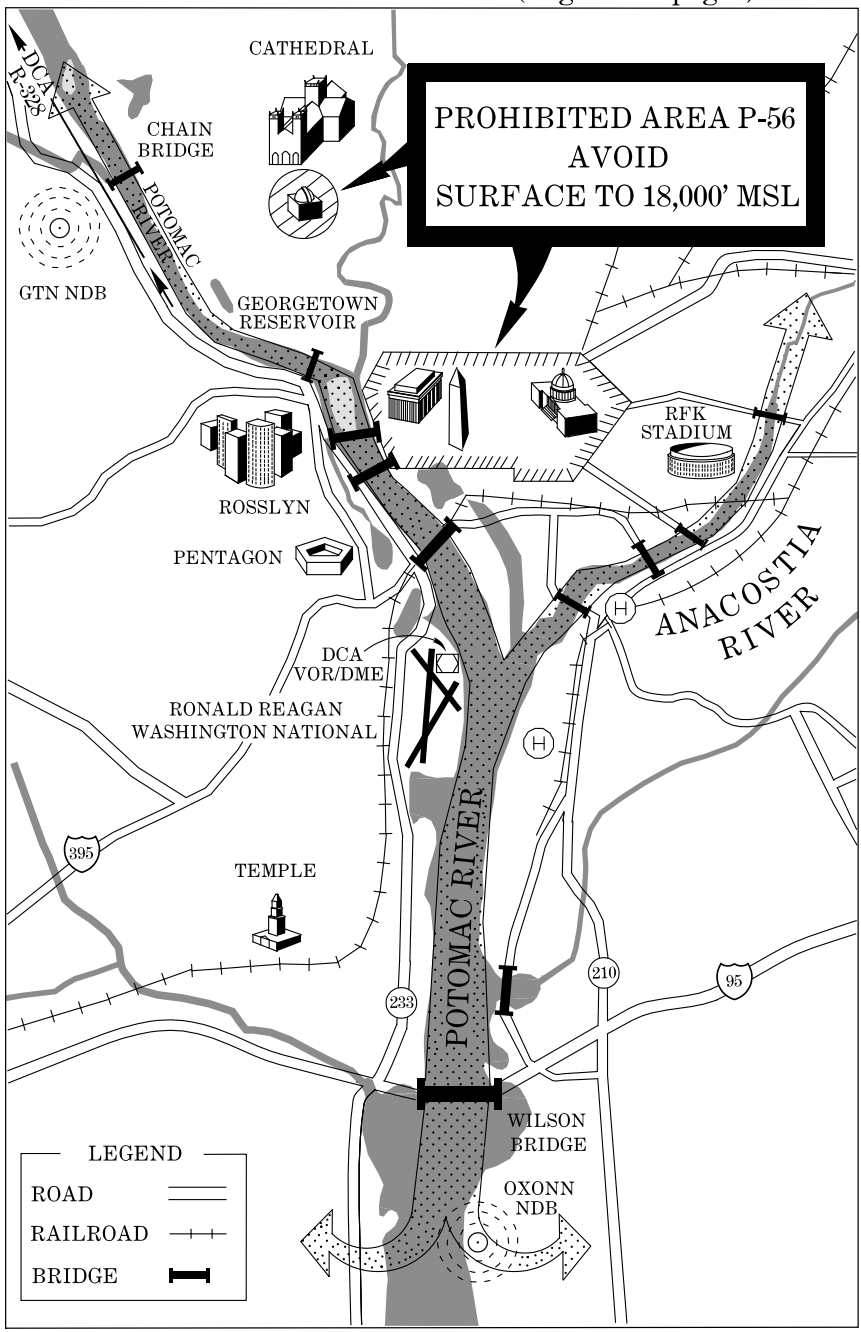


Boston RWY 27, turbojet departure procedures are predicated on avoiding noise sensitive areas. An Environmental Record of Decision mandates a very narrow departure corridor design to minimize noise impacts to local communities. The funnel like corridor begins at GARVE waypoint (WP) and ends at the WYLYY WP as depicted above. Along this corridor Gates are alphabetically identified to monitor and measure conformance. Gate A begins just southwest of GARVE WP on the 235° track through Gate E ending at WYLYY WP. Notice that GATE A is only 1400′ wide and gate E is 6300′ wide; therefore, whether flying the RWY 27 LOGAN DEPARTURE or the WYLYY DEPARTURE (RNAV), the exact 235° ground track must be flown to comply with the desired noise track. The following information includes *recommended techniques* that may assist pilots in maintaining the 235° track corridor:

The WYLYY DEPARTURE (RNAV)

Fly the 273° course to the GARVE **fly by WP**. The flight director should command a left turn approaching GARVE WP to intercept the 235° track to the WYLYY **fly over WP**. The location of the GARVE WP was computer modeled to capture most aircraft at GATE A. Pilot technique or FMS equipment inaccuracy may cause an overshoot at Gate A. Pilots must insure that applicable navigation equipment alignment procedures, to include a manual runway position update if required, are completed.

RONALD REAGAN WASHINGTON NATIONAL AIRPORT NOISE ABATEMENT & PROHIBITED AREA (P-56) AVOIDANCE PROCEDURES (Page 1 of 2 pages)



RONALD REAGAN WASHINGTON NATIONAL AIRPORT
NOISE ABATEMENT & PROHIBITED AREA (P–56) AVOIDANCE PROCEDURES
(Page 2 of 2 pages)

P–56 BEGINS APPROXIMATELY 1.5 NM NORTH OF THE DEPARTURE END OF RUNWAY 01–SURFACE TO 18,000′ MSL
REMAIN CLEAR OF P–56 AT ALL TIMES

EXPECT THE PUBLISHED RNAV DEPARTURE PROCEDURE OR ATC INSTRUCTIONS FOR THE FOLLOWING NON–RNAV PROCEDURES

NORTHWEST: Follow the Potomac River until abeam the Georgetown reservoir or the DCA 4 DME, then join the DCA 328 radial, expect radar vectors at 10 DME. A left turn as soon as practicable, especially with a west wind, is required to maintain a ground track over the Potomac River and **remain clear of P–56**. If unable to maintain visual reference to the Potomac River, join the DCA 328 radial.

NORTHEAST: Follow the Anacostia River to 5 DME. A right turn as soon as practicable, especially with a east wind, is required to maintain a ground track over the Anacostia River and **remain clear of P–56**. Expect Radar Vectors at 5 DME. If unable to maintain visual reference to the Anacostia River, then join the DCA 070 radial.

SOUTH: Follow the Potomac River to 5 DME, then expect radar vectors. If unable to maintain visual reference to the Potomac river, then join the DCA 185 radial.

ARRIVAL PROCEDURES

LANDING NORTH: Weather conditions 3000/4 or better, expect the Mount Vernon visual approach. Lower weather conditions, expect the advertised instrument approach.

LANDING SOUTH: Weather conditions 3500/3 or better, expect the River Visual Approach. Lower weather conditions, expect the advertised instrument approach.

NIGHTTIME NOISE LEVELS

From 2200 to 0700 local time, operation of aircraft type and model which exceed the following noise levels violate Metropolitan Washington Airport Authority Regulation (MWAR) 3.11:

DEPARTURES – 72 dBA as generated on takeoff.

ARRIVALS – 85 dBA as generated on approach, except that aircraft scheduled to arrive before 2200 will be permitted to land if they have received an approach clearance before 2230. Ref. MWAR 3.11 and Advisory Circular 36–3.

NIAGARA FALLS FLIGHT RESTRICTION AREA

Part 93—Special Air Traffic Rules; Subpart E—Flight Restrictions in the Vicinity of Niagara Falls, New York

§ 93.71 General operating procedures

(a) Flight restrictions are in effect below 3,500 feet MSL in the airspace above Niagara Falls, New York, west of a line from latitude 43°06′33″N., longitude 78°03′30″W. (the Whirlpool Rapids Bridge) to latitude 43°04′47″N., longitude 79°02′44″W. (the Niagara River Inlet) to latitude 43°04′29″N., longitude 79°03′30″W. (the International Control Dam) to the United States/Canadian Border and thence along the border to the point of origin.

(b) No flight is authorized below 3,500 feet MSL in the area described in paragraph (a) of this section, except for aircraft operations conducted directly to or from an airport/heliport within the area, aircraft operating on an ATC-approved IFR flight plan, aircraft operating the Scenic Falls Route pursuant to approval of Transport Canada, aircraft carrying law enforcement officials, or aircraft carrying properly accredited news representatives for which a flight plan has been filed with Buffalo NY (BUF) Automated Flight Service Station (AFSS).

(c) Check with Transport Canada for flight restrictions in Canadian airspace. Commercial air tour operations approved by Transport Canada will be conducting a north/south orbit of the Niagara Falls area below 3,500 feet MSL over the Niagara River.

(d) The minimum altitude for VFR flight over the Scenic Falls area is 3,500 feet MSL.

(e) Comply with the following procedures when conducting flight over the area described in paragraph (a) of this section:

(1) Fly a clockwise pattern;

(2) Do not proceed north of the Rainbow Bridge;

(3) Prior to joining the pattern, broadcast flight intentions on frequency 122.05 Mhz, giving altitude and position, and monitor the frequency while in the pattern;

(4) Use the Niagara Falls airport altimeter setting. Contact Niagara Falls Airport Traffic Control Tower to obtain the current altimeter setting, to facilitate the exchange of traffic advisories/restrictions, and to reduce the risk of midair collisions between aircraft operating in the vicinity of the Falls. If the Control Tower is closed, use the appropriate Automatic Terminal Information Service (ATIS) Frequency;

(5) Do not exceed 130 knots;

(6) Anticipate heavy congestion of VFR traffic at or above 3,500 feet MSL; and

(7) Use caution to avoid high-speed civil and military aircraft transiting the area to or from Niagara Falls Airport.

(f) These procedures do not relieve pilots from the requirements of Sec. 91.113 of this chapter to see and avoid other aircraft.

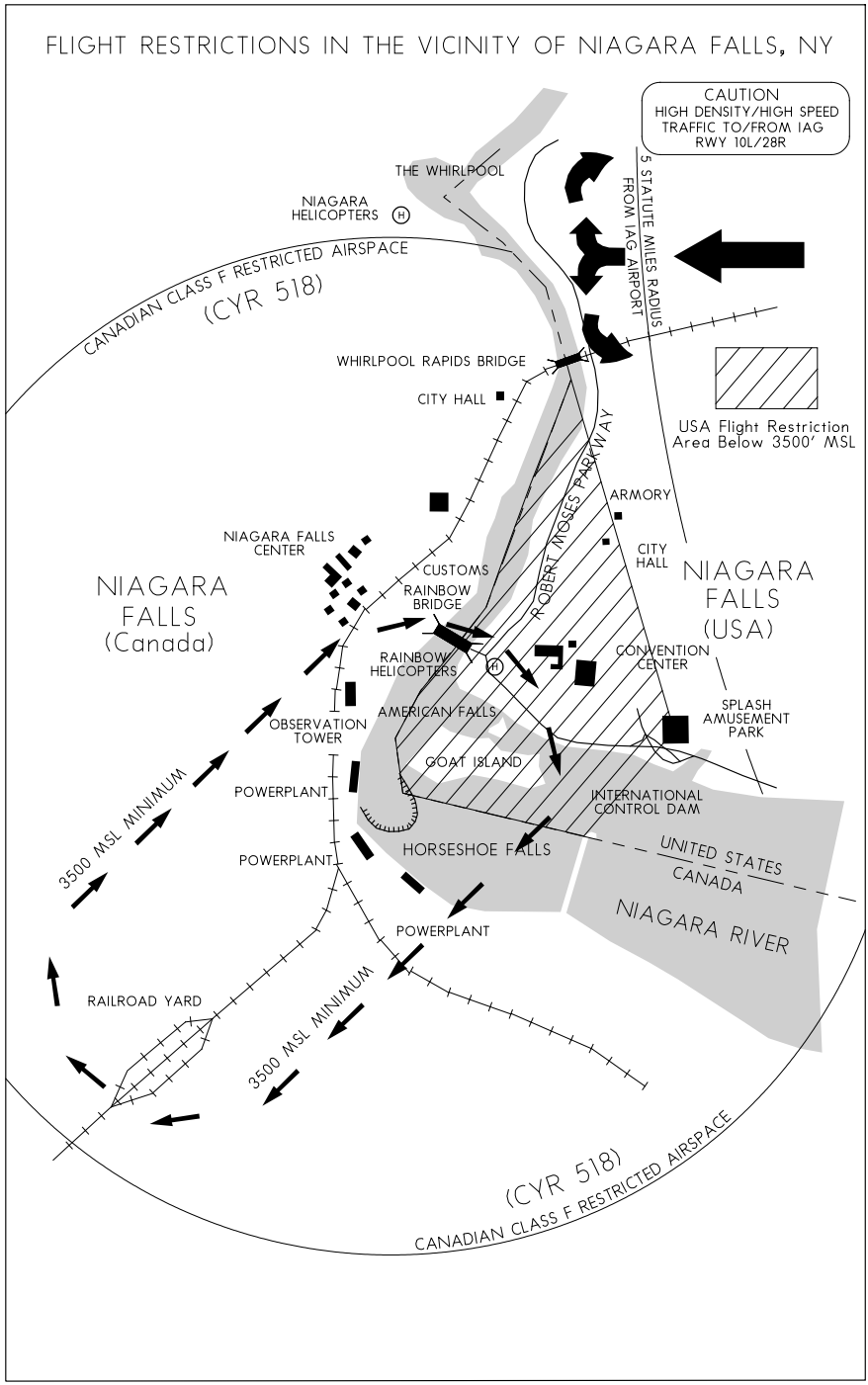
(g) Flight following, to and from the area, is available through Buffalo Approach.

ADVISORY: AMUSEMENT ATTRACTION–NIAGARA FALLS, NY

An amusement attraction similar to a moored balloon will be conducted daily, 0700–2400 LCL, April 1 through October 31, 5 miles SW of the Niagara Falls Intl Airport (IAG), approx. BUF305/021, on the American side of Rainbow Bridge, Niagara Falls, NY, at altitudes up to 1050′MSL/500′AGL. For further information contact Buffalo AFSS on 1–716–631–3756.

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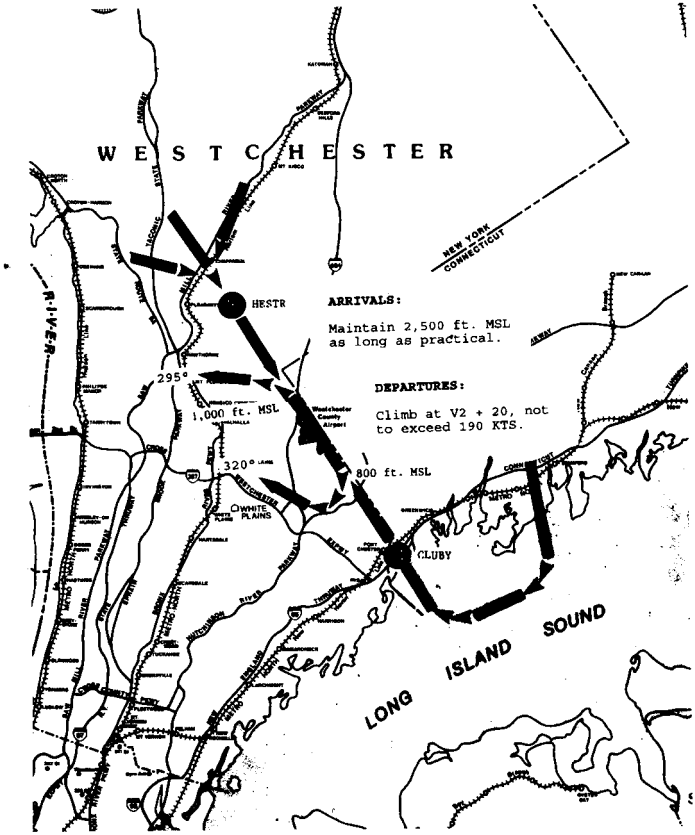
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TERMINAL AREA GRAPHIC NOTICE
(NOT TO BE USED FOR NAVIGATION)

White Plains, New York
WESTCHESTER COUNTY AIRPORT NOISE ABATEMENT PROCEDURES

Noise abatement procedures in effect at all times, contact 914–995–4861.
Airport located in noise sensitive area. Noise monitoring and positive aircraft and helicopter event identification in effect at all times.
High Range Noise Event program: Operators that cause noise levels at or above 93 dBA will be contacted.
Voluntary restraint from flying time period is from midnight to 6:30 am local time. Limit use of reverse thrust.
Run-ups: Must receive prior approval from airport operations. No aircraft with certificated maximum gross weight in excess of 120,000 lbs shall land or take off at the airport without prior permission of the Airport Manager.
For all aircraft above 12,500 lbs: Use SIDs and STARs for noise abatement, conditions permitting; utilize Sound Visual Approach to Runway 34; turn final for Runway 16 outside outer marker.
All runways: Utilize NBAA ''standard'' departure procedures, or AC91–53A ''distant'' noise abatement departure procedure.
Light aircraft: Runway 34 departures north and eastbound, fly over interstate until reaching 1,500 feet MSL, then on course.
Touch-and-go's: Runway 29 recommended traffic pattern in effect.
Helicopters: Use New York Helicopter Route Chart for noise abatement, fly routes at or above 2,000 ft MSL.
Copies of noise abatement procedures are available.



TERMINAL AREA GRAPHIC NOTICE
(NOT TO BE USED FOR NAVIGATION)

Nantucket, Massachusetts
Nantucket Memorial Airport VFR Noise Abatement Procedures

Noise abatement procedures in effect at all times, contact (508) 325-7531. Additional detailed noise abatement procedures via internet at **www.NantucketAirport.com/noise.htm.**

ARRIVALS

CONTACT NANTUCKET TOWER (118.3) 15 MILES OUT FOR LANDING INSTRUCTIONS

SINGLE ENGINES - (Pattern speed 130 knots or less) Plan to overfly island high (2000'+ AGL). Expect L/R base landing Runway 30 or Runway 33 when x-winds are under 12 knots. Descend offshore for landing whenever possible.

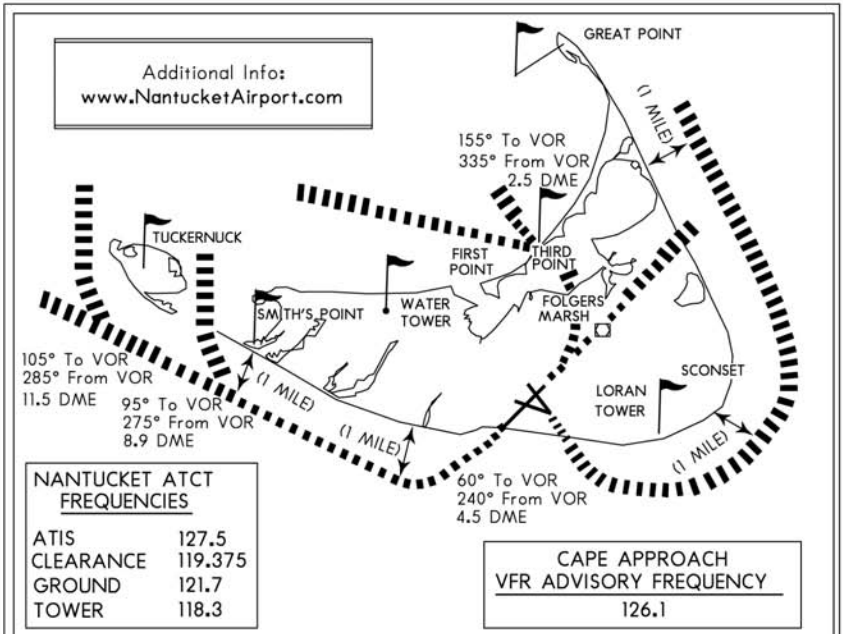
TWINS - Remain over water and expect to land on Runway 24 (wind permitting). Contact Tower for landing sequence abeam Great Point. Cross Third Point at 1000' AGL. Follow Folgers Marsh (right base) for landing on Runway 24.

TURBOPROPS/JETS - Remain over water and expect straight in approach to Runway 24 (wind permitting). Enter final approach offshore outside Outer Marker.

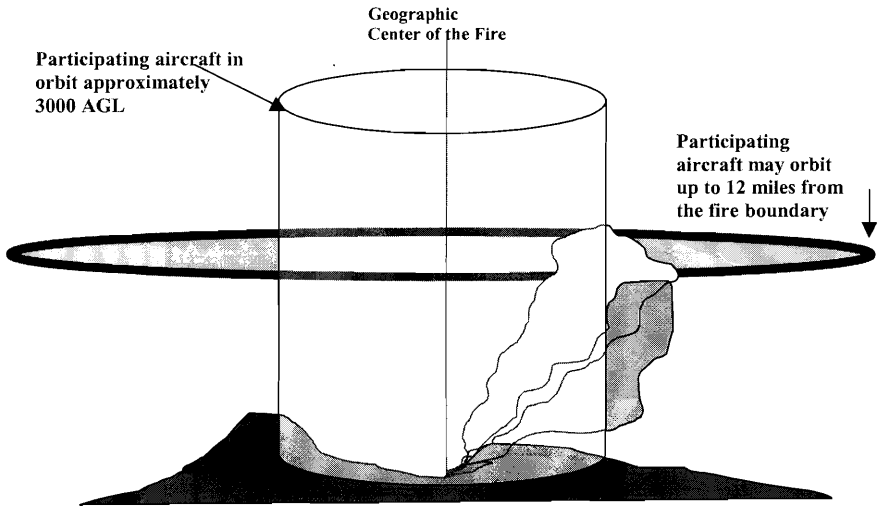
DEPARTURES

Make maximum use of over water departure routes, maintaining 1 mile offshore and avoid island crossings whenever possible.

GENERAL AVIATION/AIRLINE CORRIDORS



FIREFIGHTING TRAFFIC AREAS



Pilots are advised to stay clear of Firefighting Traffic Areas. Remain 15 miles from the area of activity. If you must over-fly the area, do so at an altitude of 5000 feet AGL above. However, to remain safe and out of the way of working aircraft, it is best to circumnavigate the area.

The wild-land fire environment can be very complex and involve a large number and variety of aircraft types including fixed and rotary wing aircraft. Some of the aircraft are small single and multi-engine command and control platforms that can be especially difficult to see and may give the appearance that the fire is not staffed. The aircraft participating in firefighting can orbit as far out as 12 miles from the perimeter of the fire. Any intrusion by aircraft not directly involved in the firefighting operation could delay the delivery of much needed retardant or water to ground firefighters and will adversely affect the safety of participating aircraft. Please stay well away from wild-land fires even if you feel that aircraft are not working the fire; they may be en route or unseen.

If you see a fire developing along your route, report it immediately to air traffic control who will advise the US Forest Service. The firefighting community would welcome this information.

The following narratives summarize the FAR Part 93 Special Air Traffic Rules, and Airport Traffic Patterns in effect as prescribed in the rule. This information is advisory in nature and in no way relieves the pilot from compliance with the specific rules set forth in FAR Parts 91 and 93.

Special Airport Traffic Areas prescribed in Part 93 are depicted on Sectional Aeronautical Charts, World Aeronautical Charts, Enroute Low Altitude Charts, and where applicable, on VFR Terminal Area Charts.

OPERATIONS RESERVATIONS FOR HIGH DENSITY TRAFFIC AIRPORTS KENNEDY, LAGUARDIA, AND WASHINGTON REAGAN NATIONAL

The Federal Aviation Administration (FAA) has designated New York's Kennedy and LaGuardia Airports and Washington Reagan National Airport as High Density Traffic Airports (HDTA), Title 14, Code of Federal Regulations, part 93, subpart K, and has prescribed air traffic rules and requirements for operating aircraft (excluding helicopters) to and from those airports during certain hours.

Reservations are required for operations from 6 a.m. through 11:59 p.m. local time at LaGuardia Airport and Washington Reagan National Airport. Reservations at Kennedy Airport are required from 3 p.m. through 7:59 p.m. local time.

Reservation procedures are detailed in Advisory Circular 93–1, Reservations for Unscheduled Operations at High Density Traffic Airports. A copy of the advisory circular is available on the FAA website at http://www.faa.gov. Reservations for unscheduled operations are allocated through the Enhanced Computer Voice Reservation System (e–CVRS) accessible via telephone or the Internet. This system may not be used to make reservations for scheduled air carrier or commuter flights.

The toll–free telephone number for accessing e–CVRS is 1–800–875–9694 and is available for calls originating within the United States, Canada, and the Caribbean. Users outside the toll–free areas may access e–CVRS by calling the toll number of 703–707–0568. The Internet web address for accessing the e–CVRS is http://www.fly.faa.gov/ecvrs. If you have any questions about reservation requirements or are experiencing problems with the system, you may telephone the Airport Reservation Office at the Air Traffic Control System Command Center at (703) 904–4452.

Requests for instrument flight rules (IFR) reservations will be accepted beginning 72 hours prior to the proposed time of operation at the high–density airport. For example, a request for an 11 a.m. reservation on a Thursday will be accepted beginning at 11 a.m. on the previous Monday.

IFR reservations must be obtained prior to IFR landing or takeoff at an HDTA during slot controlled hours. An air traffic control (ATC) clearance does not constitute a reservation. A reservation does not constitute permission to operate at an HDTA if additional operational limits or procedures are required by NOTAM and/or regulation.

Aircraft involved in medical emergencies will be handled by ATC without regard to a reservation after obtaining prior approval of the ATC System Command Center on (703) 904–4452. ATC will accommodate declared other emergency situations without regard to slot reservations.

NOTE: Visual flight rule (VFR) reservations via ATC for unscheduled operations at LaGuardia are not authorized from 7 a.m. through 8:59 a.m. local time and 4 p.m. through 6:59 p.m. local time, Monday through Friday and Sunday evenings, unless otherwise announced by NOTAM. Both IFR and VFR operations during those time periods must obtain an advance reservation through e–CVRS.

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FSS
TELEPHONE NUMBERS

Flight Service Station (FSS) facilities provide flight planning and weather briefing services to pilots. FSS services in the contiguous United States, Hawaii and Puerto Rico, are provided by a network of large hub facilities and smaller remote facilities which are interconnected with the hubs.

Selected remote FSS facilities across the contiguous United States have variable part–time operating hours. Because of the interconnectivity between remote and hub facilities, all FSS services, are available continuously using published telephone numbers and radio frequencies.

Telephone Information Briefing Service (TIBS) is the FSS service that provides continuous recordings of meteorological and/or aeronautical information including area and/or route briefings, airspace procedures and special announcements. A touch–tone telephone is required to fully utilize this service.

Further information can be found in the Aeronautical Information Manual (AIM).

NATIONAL FSS TELEPHONE NUMBER

Pilot Weather Briefings 1–800–WX–BRIEF (1–800–992–7433)

OTHER FSS TELEPHONE NUMBERS (except in Alaska)

TIBS (see description above) 1–800–4TIBS–WX (1–877–484–2799)

Clearance Delivery Only 1–888–766–8267

Lifeguard Flights Only 1–877–LIF–GRD3 (1–877–543–4733)

Flights within DC SFRA & FRZ * 1–866–225–7410

* District of Columbia Special Flight Rules Area & Flight Restricted Zone

DISTRICT OF COLUMBIA, MARYLAND, AND VIRGINIA

Potomac TRACON Clearane Delivery Only:

Chesapeake Area ..... (1–866–429–5882) 540–349–8478

James River Area ..... (1–866–640–4121) 540–349–9696

Mount Vernon Area ..... (1–866–599–3874) 504–349–0493

Shenandoah Area ..... (1–866–709–4993) 540–349–4097

KEY to AERODROME FORECAST (TAF) and AVIATION ROUTINE WEATHER REPORT (METAR)

TAF KPIT 091730Z 091818 15005KT 5SM HZ FEW020 WS010/31022KT
FM1930 30015G25KT 3SM SHRA OVC015 TEMPO 2022 1/2SM +TSRA
OVC008CB
FM0100 27008KT 5SM SHRA BKN020 OVC040 PROB40 0407 1SM -RA BR
FM1015 18005KT 6SM -SHRA OVC020 BECMG 1315 P6SM NSW SKC

METAR KPIT 091955Z COR 22015G25KT 3/4SM R28L/2600FT TSRA OVC010CB
18/16 A2992 RMK SLP045 T01820159

Forecast	Explanation	Report
TAF	Message type: TAF-routine or TAF AMD-amended forecast, METAR-hourly, SPECI-special or TESTM-non-commissioned ASOS report	**METAR**
KPIT	ICAO location indicator	**KPIT**
091730Z	Issuance time: ALL times in UTC "Z", 2-digit date, 4-digit time	**091955Z**
091818	Valid period: 2-digit date, 2-digit beginning, 2-digit ending times	
	In U.S. **METAR**: CORrected ob; or AUTOmated ob for automated report with no human intervention; omitted when observer logs on	**COR**
15005KT	Wind: 3 digit true-north direction, nearest 10 degrees (or VaRiaBle); next 2-3 digits for speed and unit, KT (KMH or MPS); as needed, Gust and maximum speed; 00000KT for calm; for **METAR**, if direction varies 60 degrees or more, Variability appended, e.g. 180V260	**22015G25KT**
5SM	Prevailing visibility: in U.S., Statute Miles & fractions; above 6 miles in **TAF** Plus6SM. (Or, 4-digit minimum visibility in meters and as required, lowest value with direction)	**3/4SM**
	Runway Visual Range: R; 2-digit runway designator Left, Center, or Right as needed; "/"; Minus or Plus in U.S., 4-digit value, FeeT in U.S., (usually meters elsewhere); 4-digit value Variability 4-digit value (and tendency Down, Up or No change)	**R28L/2600FT**
HZ	Significant present, forecast and recent weather: see table (on back)	**TSRA**
FEW020	Cloud amount, height and type: SKy Clear 0/8, FEW >0/8-2/8, SCaTtered 3/8-4/8, BroKeN 5/8-7/8, OVerCast 8/8; 3-digit height in hundreds of ft; Towering CUmulus or CumulonimBus in **METAR**; in **TAF**, only CB. Vertical Visibility for obscured sky and height "VV004". More than 1 layer may be reported or forecast. In automated **METAR** reports only, CLeaR for "clear below 12,000 feet"	**OVC010CB**
	Temperature: degrees Celsius; first 2 digits, temperature "/" last 2 digits, dew-point temperature; Minus for below zero, e.g., M06	**18/16**
	Altimeter setting: indicator and 4 digits; in U.S., A-inches and hundredths; (Q-hectoPascals, e.g., Q1013)	**A2992**

KEY to AERODROME FORECAST (TAF) and AVIATION ROUTINE WEATHER REPORT (METAR)

Forecast	Explanation	Report
WS010/31022KT	In U.S. **TAF**, non-convective low-level (≤2,000 ft) Wind Shear; 3-digit height (hundreds of ft); "/"; 3-digit wind direction and 2-3 digit wind speed above the indicated height, and unit, KT	
	In **METAR**, ReMarK indicator & remarks. For example: Sea-Level Pressure in hectoPascals & tenths, as shown: 1004.5 hPa; Temp/ dew-point in tenths °C, as shown: temp. 18.2°C, dew-point 15.9°C	**RMK SLP045 T01820159**
FM1930	FroM and 2-digit hour and 2-digit minute **beginning** time: indicates significant change. Each FM starts on new line, indented 5 spaces.	
TEMPO 2022	TEMPOrary: changes expected for < 1 hour and in total, < half of 2-digit hour **beginning** and 2-digit hour **ending** time period	
PROB40 0407	PROBability and 2-digit percent (30 or 40): probable condition during 2-digit hour **beginning** and 2-digit hour **ending** time period	
BECMG 1315	BECoMinG: change expected during 2-digit hour **beginning** and 2-digit hour **ending** time period	

Table of Significant Present, Forecast and Recent Weather - Grouped in categories and used in the order listed below; or as needed in TAF, No Significant Weather.

QUALIFIER

Intensity or Proximity

- Light "no sign" Moderate + Heavy

VC Vicinity: but not at aerodrome; in U.S. **METAR**, between 5 and 10SM of the point(s) of observation; in U.S. **TAF**, 5 to 10SM from center of runway complex (elsewhere within 8000m)

Descriptor

MI Shallow	BC Patches	PR Partial	TS Thunderstorm
BL Blowing	SH Showers	DR Drifting	FZ Freezing

WEATHER PHENOMENA

Precipitation

DZ Drizzle	RA Rain	SN Snow	SG Snow grains
IC Ice crystals	PL Ice pellets	GR Hail	GS Small hail/snow pellets

UP Unknown precipitation in automated observations

Obscuration

BR Mist (≥5/8SM)	FG Fog (<5/8SM)	FU Smoke	VA Volcanic ash
SA Sand	HZ Haze	PY Spray	DU Widespread dust

Other

SQ Squall	SS Sandstorm	DS Duststorm	PO Well developed dust/sand whirls
FC Funnel cloud	+FC tornado/waterspout		

- Explanations in parentheses "( )" indicate different worldwide practices.
- Ceiling is not specified; defined as the lowest broken or overcast layer, or the vertical visibility.
- NWS **TAFs** exclude turbulence, icing & temperature forecasts; NWS **METARs** exclude trend fcsts
- Although not used in US, Ceiling And Visibility OK replaces visibility, weather and clouds if: visibility ≥10 km; no cloud below 5000 ft (1500 m) or below the highest minimum sector altitude, whichever is greater and no CB; and no precipitation, TS, DS, SS, MIFG, DRDU, DRSA or DRSN.

UNITED STATES DEPARTMENT OF COMMERCE
NOAA/PA 96052 **National Oceanic and Atmospheric Administration**—National Weather Service

FAA AND NWS
KEY AIR TRAFFIC FACILITIES

Air Traffic Control System Command Center

Main Number.....703–904–4400

RGNL AIR TRAFFIC DIVISIONS

REGION	TELEPHONE
Alaskan	907–271–5464
Central	816–329–2500
Eastern	718–553–4502
Great Lakes	847–294–7202
New England	781–238–7500
Northwest Mountain	425–227–2500
Southern	404–305–5500
Southwest	817–222–5500
Western Pacific	310–725–6500

AIR ROUTE TRAFFIC CONTROL CENTERS (ARTCCs)

ARTCC NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Albuquerque	817–222–5006	7:30 a.m.–4:00 p.m.	505–856–4300
Anchorage	907–271–5936	7:30 a.m.–4:00 p.m.	907–269–1137
Atlanta	404–305–5180	7:30 a.m.–5:00 p.m.	770–210–7601
Boston	617–238–7001	7:30 a.m.–4:00 p.m.	603–879–6633
Chicago	847–294–8400	8:00 a.m.–4:00 p.m.	630–906–8221
Cleveland	847–294–8400	8:00 a.m.–4:00 p.m.	440–774–0310
Denver	425–227–1389	7:30 a.m.–4:00 p.m.	303–651–4100
Ft. Worth	817–222–5006	7:30 a.m.–4:00 p.m.	817–858–7300
Houston	817–222–5006	7:30 a.m.–4:00 p.m.	281–230–5300
Indianapolis	847–294–8400	8:00 a.m.–4:00 p.m.	317–247–2231
Jacksonville	404–305–5180	8:00 a.m.–4:30 p.m.	904–549–1501
Kansas City	816–329–3000	7:30 a.m.–4:00 p.m.	913–254–8500
Los Angeles	661–265–8200	7:30 a.m.–4:00 p.m.	661–265–8200
Memphis	404–305–5180	7:30 a.m.–4:00 p.m.	901–368–8103
Miami	404–305–5180	7:00 a.m.–3:30 p.m.	305–716–1500
Minneapolis	847–294–8400	8:00 a.m.–4:00 p.m.	651–463–5580
New York	718–995–5426	8:00 a.m.–4:40 p.m.	516–468–1001
Oakland	310–725–3300	6:30 a.m.–3:00 p.m.	510–745–3331
Salt Lake City	425–227–1389	7:30 a.m.–4:00 p.m.	801–320–2500
Seattle	425–227–1389	7:30 a.m.–4:00 p.m.	253–351–3500
Washington	718–995–5426	8:00 a.m.–4:30 p.m.	703–771–3401

MAJOR TERMINAL RADAR APPROACH CONTROLS (TRACONs)

TRACON NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Atlanta	404–305–5180	7:00 a.m.–3:30 p.m.	404–669–1200
Chicago	847–294–8400	8:00 a.m.–4:00 p.m.	847–608–5509
Dallas/Ft. Worth	817–222–5006	7:30 a.m.–4:00 p.m.	972–615–2500
Denver	425–227–1389	7:30 a.m.–4:00 p.m.	303–342–1500
Houston	817–222–5006	7:30 a.m.–4:00 p.m.	281–230–8400
New York	718–995–5426	8:00 a.m.–4:30 p.m.	516–683–2901
Northern CA	310–725–3300	7:00 a.m.–3:30 p.m.	916–366–4001
Potomac	718–995–5426	8:00 a.m.–4:30 p.m.	540–349–7500
Southern CA	310–725–3300	7:30 a.m.–4:00 p.m.	858–537–5800

*Facilities can be contacted through the Rgnl Duty Officer during non-business hours.

KEY AIR TRAFFIC FACILITIES

DAILY NAS REPORTABLE AIRPORTS

AIRPORT NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Albuquerque Intl Sunport, NM	817–222–5006	8:00 a.m.–5:00 p.m.	505–842–4366
Andrews AFB, MD	718–995–5426	8:00 a.m.–4:30 p.m.	301–735–2380
Baltimore/Washington Intl Thurgood Marshall, MD	718–995–5426	8:00 a.m.–4:30 p.m.	410–962–3555
Boston Logan Intl, MA	781–238–7001	7:30 a.m.–4:00 p.m.	617–455–3100
Bradley Intl, CT	617–238–7001	7:30 a.m.–4:00 p.m.	203–627–3428
Burbank/Bob Hope, CA	310–725–3300	7:00 a.m.–5:30 p.m.	818–567–4806
Charlotte Douglas Intl, NC	404–305–5180	8:00 a.m.–4:30 p.m.	704–344–6487
Chicago Midway, IL	847–294–8400	8:00 a.m.–4:00 p.m.	773–884–3670
Chicago O'Hare Intl, IL	847–294–8400	8:00 a.m.–4:00 p.m.	773–601–7600
Cleveland Hopkins Intl, OH	847–294–8400	8:00 a.m.–4:00 p.m.	216–898–2020
Covington/Cincinnati, OH	708–294–7401	8:00 a.m.–4:30 p.m.	606–767–1006
Dallas/Ft. Worth Intl, TX	817–222–5006	8:30 a.m.–5:00 p.m.	972–615–2531
Dayton Cox Intl, OH	847–294–8400	7:30 a.m.–4:00 p.m.	937–454–7300
Denver Intl, CO	425–227–1389	7:30 a.m.–4:00 p.m.	303–342–1600
Detroit Metro, MI	847–294–8400	8:00 a.m.–4:00 p.m.	734–955–5000
Fairbanks Intl, AK	907–271–5936	7:30 a.m.–4:00 p.m.	907–474–0050
Fort Lauderdale Intl, FL	404–305–5180	7:00 a.m.–3:30 p.m.	305–356–7932
George Bush Intercontinental/Houston, TX	817–222–5006	7:30 a.m.–4:00 p.m.	713–230–8400
Hartsfield–Jackson Atlanta Intl, GA	404–305–5180	7:00 a.m.–3:30 p.m.	404–669–1200
Honolulu Intl, HI	310–643–3200	7:30 a.m.–4:00 p.m.	808–840–6100
Houston Hobby, TX	817–222–5006	8:00 a.m.–5:00 p.m.	713–847–1400
Indianapolis Intl, IN	847–294–8400	8:00 a.m.–4:00 p.m.	317–484–6600
Kahului/Maui, HI	310–643–3200	7:30 a.m.–4:00 p.m.	808–877–0725
Kansas City Intl, MO	816–329–3000	7:30 a.m.–4:00 p.m.	816–329–2700
Las Vegas McCarran, NV	310–725–3300	7:30 a.m.–4:00 p.m.	702–262–5978
Los Angeles Intl, CA	310–725–3300	7:00 a.m.–3:30 p.m.	310–342–4900
Louis Armstrong New Orleans Intl, LA	817–222–5006	7:00 a.m.–4:30 p.m.	504–471–4300
Memphis Intl, TN	404–305–5180	7:30 a.m.–4:00 p.m.	901–322–3350
Miami Intl, FL	404–305–5180	7:00 a.m.–4:00 p.m.	305–869–5400
Minneapolis/St. Paul, MN	847–294–8400	8:00 a.m.–4:00p.m.	612–713–4000
Nashville Intl, TN	404–305–5180	7:00 a.m.–3:30 p.m.	615–781–5460
New York Kennedy Intl, NY	718–995–5426	8:00 a.m.–4:30 p.m.	718–656–0335
New York La Guardia, NY	718–995–5426	8:00 a.m.–4:30 p.m.	718–335–5461
Newark Liberty Intl, NJ	718–995–5426	8:00 a.m.–4:30 p.m.	973–645–3103
Norman Y. Mineta San Jose Intl, CA	310–643–3200	7:30 a.m.–4:00 p.m.	408–982–0750
Ontario Intl, CA	310–643–3200	7:30 a.m.–4:00 p.m.	909–983–7518
Orlando Intl, FL	404–305–5180	7:30 a.m.–5:00 p.m.	407–850–7000
Philadelphia Intl, PA	718–995–5426	8:00 a.m.–4:30 p.m.	215–492–4100
Phoenix Sky Harbor Intl, AZ	310–643–3200	7:30 a.m.–4:00 p.m.	602–379–4226
Pittsburgh Intl, PA	718–995–5426	8:00 a.m.–4:30 p.m.	412–269–9237
Portland Intl, OR	425–227–1389	7:30 a.m.–4:00 p.m.	503–493–7500
Raleigh-Durham, NC	404–305–5180	8:00 a.m.–4:30 p.m.	919–840–5544
Ronald Reagan Washington National, DC	718–995–5426	8:00 a.m.–4:30 p.m.	703–413–1535
Salt Lake City, UT	425–227–1389	7:30 a.m.–4:00 p.m.	801–325–9600
San Antonio Intl, TX	817–222–5006	8:00 a.m.–4:30 p.m.	210–805–5507
San Diego Lindbergh Intl, CA	310–725–3300	8:00 a.m.–4:30 p.m.	619–299–0677
San Francisco Intl, CA	310–643–3200	7:00 a.m.–3:30 p.m.	650–876–2883
San Juan Intl, PR	404–305–5180	7:30 a.m.–5:00 p.m.	809–253–8663
Seattle–Tacoma Intl, WA	425–227–1389	7:30 a.m.–4:00 p.m.	206–768–2900
St. Louis Lambert, MO	816–329–3000	7:30 a.m.–4:00 p.m.	314–890–1000
Tampa Intl, FL	404–305–5180	7:30 a.m.–4:00 p.m.	813–371–7700
Ted Stevens Anchorage Intl, AK	907–271–5936	7:30 a.m.–4:00 p.m.	907–271–2700
Teterboro, NJ	718–995–5426	8:00 a.m.–4:30 p.m.	201–288–1889
Washington Dulles Intl, DC	718–995–5426	8:00 a.m.–4:30 p.m.	703–661–6031
West Palm Beach, FL	404–305–5180	8:00 a.m.–4:30 p.m.	561–683–1867
Westchester Co, NY	718–995–5426	8:00 a.m.–4:30 p.m.	914–948–6520

*Facilities can be contacted through the Rgnl Duty Officer during non-business hours.

Air Route Traffic Control Center frequencies and their remoted transmitter sites are listed below for the coverage of this volume. Bold face type indicates high altitude frequencies, light face type indicates low altitude frequencies. To insure unrestricted IFR operations within the high altitude enroute sectors, the use of 720 channel communications equipment (25 kHz channel spacing) is required.

ⓇATLANTA CENTER — **H–6–9–10, L–18–22–24–25–26–36, A–1 (KZTL)**

Greensboro – 128.8 **124.425**
Tri City – 132.9 **126.775 120.725**

ⓇBOSTON CENTER — **H–10–11–12, L–30–31–32–33–34 (KZBW)**

Augusta – 134.95
Barnstable – 132.9 128.75 **127.825**
Berlin – 135.7 135.7
Bucks Harbor – 133.45 133.45
Burlington – 118.825 120.35 120.35
Calverton – 124.525
Caribou – 124.75
Concord – 128.325
Cummington – 132.65
Gardner – 134.7 123.75
Houlton – 128.05 120.25
Hyannis – 133.45 133.45
Islip – 135.8 132.3
Kingston – 134.3
Lake George – 135.325 133.625 128.325 121.35
Lebanon – 134.7
Melrose – 135.55 133.325 119.25
Millinocket – 128.05
Montpelier – 135.7 135.7
Portland – 128.2
Rockdale – 133.25 **126.475**
St. Albans – 128.05 124.25 120.25
Shelton – 135.075 134.0 128.1 **125.575**
Turin – 135.25 133.25 **123.875 120.35**
Utica – 124.125
Waterboro – 128.2 118.55
Woodstock – 135.325 133.425 133.425 127.65 124.85 **118.425.**

REMARKS: The provisions of enroute primary radar not available in the BOSTON ARTCC Watertown, NY area at 12,000′ and below, Rockdale/Utica, NY areas at 11,000′ and below, Delancey, NY area at 7,000′ and below, and in the Syracuse/Georgetown, NY areas at all altitudes.

ⓇCLEVELAND CENTER — **H–2–5–10–11–12, L–27–28–29–30–31–32, A–2 (KZOB)**

Altoona – 132.125 128.45 124.4 121.2
Bradford – 126.725
Dubois – 126.725
Dunkirk – 125.2
Holland – 135.775 120.625
Moon Township – 134.475 254.725 **133.075**
Morgantown – 126.95
Warren – 134.125 132.925 119.725
Waterford – 127.07
Wayland – 127.475 124.325

ⓇINDIANAPOLIS CENTER – 135.25 132.775 119.95 — **H–5–9–10–12, L–16–25–26–27–29 (KZID)**

Bluefield – 126.575
Charleston – 134.225 127.4 **119.525**
Marmet – 134.225 127.4

ⓇNEW YORK CENTER **H–10–11–12, L–29–30–32–33–34–36**
(KZNY)

Arr–Dep US – 133.7
Barnegat – 132.15 132.15
Barnstable – 135.8 125.925
Big Flat – 133.475 132.2
Colts Neck – 118.975
Douglaston – 134.375 133.05
Elk Mountain – 134.45 **132.175** 128.5
Flint Hill – 124.625 134.6 132.1
Huguenot – 132.6
Joliet – 133.675 132.5
Matawan – 125.325 127.175
Millville – 134.325
Modena – 135.45
Nantucket – 121.125
North Mountain – 133.5 **128.575** 123.625 **121.325**
Philipsburg – 134.8 **132.875**
Sayre – 133.35
Ship Bottom – 128.3 133.05
Sparta – 133.15
Williamsport – 124.9

ⓇWASHINGTON CENTER **H–9–10–12, L–24–25–26–29–34–35–36, A–1**
(KZDC)

Arr–Dep US – 135.5 **133.82 133.12 128.52** 127.7 **127.42 124.02** 123.85 **118.82**
Atlantic City – 133.12
Bucks Elbow – 135.4 **133.2** 133.2 **121.675**
Buena Vista – 134.625 134.4 **133.025** 127.925
Cape Charles – 128.525
Cedar Lake – 124.77 124.77
Elkins – 128.6
Falls Church – 126.875 135.525 133.97 132.775
Grantsville – 133.65
Green Bay – 133.725 132.025 127.75 118.75
Hagerstown – 134.15 134.15
Linden – 133.55
Lynchburg – 133.575
Manteo – 124.725
Martinsburg – 132.275
Millville – 125.45 125.45
Modena – 132.525
Patuxent River – 133.9
Roanoke – 134.625
Sea Isle – 127.7
Ship Bottom – 127.025
Smyrna – 132.05
South Boston – 124.05
Whaleyville – 120.75
White Sulfur Springs – 120.85
Wilmington – 135.75

VHF frequencies available at Flight Service Stations and at their remote communication outlets (RCO's) are listed below for the coverage of this volume. Frequencies in bold type are available all altitudes but recommended for use FL180 and above. ''T'' indicates transmit only and ''R'' indicates receive only. RCO's available at NAVAIDS are listed after the NAVAID name. RCO's not at NAVAID's are listed by name.

ALTOONA AFSS

ALLEGHENY VOR/DME 110.0T 122.1R 122.2 122.4
ALTOONA RCO 122.1R 122.2 122.65 123.6
ALTOONA VOR 108.8T
BRADFORD VOR/DME 116.6T 122.1R 122.2 122.3
CLARION VOR/DME 112.9T 122.1R
DU BOIS RCO 122.2
ELLWOOD CITY VORTAC 115.8T 122.1R
ERIE VORTAC 109.4T 122.1R
FRANKLIN VOR 109.6T 122.1R
INDIAN HEAD VORTAC 108.2T 122.1R
JOHNSTOWN VORTAC 113.0T 122.1R 122.65
KEATING VORTAC 116.0T 122.1R
MONTOUR VORTAC 112.0T 122.1R
PHILIPSBURG VORTAC 115.5T 122.1R **122.5** 122.6
REVLOC VOR/DME 110.6T 122.1R
SLATE RUN VORTAC 113.9T 122.1R
ST MARYS RCO 121.3
ST THOMAS VORTAC 115.0T 122.1R
TIDIOUTE VORTAC 117.6T 122.1R
TYRONE VORTAC 114.9T 122.1R

BANGOR AFSS

AUGUSTA VOR/DME 111.4T 122.1R 122.2 122.6
BANGOR RCO 122.2
BELFAST RCO 121.975
BERLIN RCO 122.35
BUCKS HARBOR RCO 122.5
CARIBOU RCO **122.3**
CLAREMONT RCO 122.4
CONCORD RCO 122.2 **122.3**
FRYEBURG RCO 122.55
GREENVILLE RCO **122.3**
HOULTON VOR/DME 116.1T 122.1R 122.2
KEENE VORTAC 109.4T 122.1R
KENNEBUNK VORTAC 117.1T 122.1R
LEBANON VOR/DME 113.7T 122.1R 122.2 122.5
MANCHESTER VOR/DME 114.4T 122.1R
MILLINOCKET VOR/DME 117.9T 122.1R 123.6
PRINCETON VOR/DME 114.3T 122.1R
WATERBORO RCO 122.25
WHITEFIELD RCO 122.4

BRIDGEPORT AFSS

BOSTON VORTAC 112.7T 122.1R 122.4
BRIDGEPORT VOR/DME 108.8T 122.1R 122.2
CHESTER RCO 122.25
FITCHBURG RCO 118.025
GARDNER VORTAC 110.6T 122.1R
GROTON VOR 110.85T 122.1R
HYANNIS RCO 126.425
LAWRENCE VOR/DME 112.5T 122.1R
MADISON VOR/DME 110.4T 122.1R
MANSFIELD RCO 121.725
MARTHAS VINEYARD VOR/DME 114.5T 122.1R
NANTUCKET VOR/DME 116.2T 122.1R
NEW HAVEN VOR/DME 109.8T 122.1R
NORWICH VOR/DME 110.0T 122.1R
PROVIDENCE RCO 122.6
PUTNAM VOR/DME 117.4T 122.1R
QUONSET STATE RCO 122.3
WINDSOR LOCKS RCO 122.3
WORCESTER RCO 122.2

BUFFALO AFSS

BINGHAMTON VORTAC 112.2T 122.1R
BUFFALO RCO 122.1R 122.2 122.6
BUFFALO VOR/DME 116.4T
DUNKIRK VORTAC 116.2T 122.1R
ELMIRA RCO 122.2 122.4
ELMIRA VOR/DME 109.65T
GENESEO VOR/DME 108.2T 122.1R
GEORGETOWN VORTAC 117.8T 122.1R
HANCOCK VOR/DME 116.8T 122.1R
ITHACA VOR/DME 111.8T 122.1R
JAMESTOWN VOR/DME 114.7T 122.1R
ROCHESTER RCO 122.6
ROCKDALE VOR/DME 112.6T 122.1R
UTICA VORTAC 111.2T 122.1R 122.2 122.65
WELLSVILLE VORTAC 111.4T 122.1R

BURLINGTON AFSS

ALBANY VORTAC 115.3T 122.1R 122.2 **122.45**
BARNES VORTAC 113.0T 122.1R
BURLINGTON RCO 122.2 122.6
CHESTER VOR/DME 115.1T 122.1R
GLENS FALLS VORTAC 110.2T 122.1R 122.2 **122.4**
MASSENA RCO 122.2
MONTPELIER RCO 122.2 122.6
NEWPORT RCO 122.5
OGDENSBURG RCO **122.4**
PITTSFIELD RCO **122.05**
PLATTSBURGH VORTAC 116.9T 122.1R
RUTLAND RCO 122.3
SARANAC LAKE VOR/DME 109.2T 122.1R
SPRINGFIELD RCO 122.5
WATERTOWN VORTAC 109.8T 122.1R 122.2 **122.3**

ELKINS AFSS

BECKLEY VORTAC 117.7T 122.1R
BLUEFIELD VORTAC 110.0T 122.1R 122.2 122.65
CHARLESTON VORTAC 117.4T 122.1R 122.2 **122.55**
CLARKSBURG VOR/DME 112.6T 122.1R
CUMBERLAND RCO 122.35
ELKINS VORTAC 122.2 **122.45** 123.6 114.2T 122.1R
GRANTSVILLE VOR/DME 112.3T 122.1R
HENDERSON VORTAC 115.9T 122.1R
HUNTINGTON RCO 122.2 **122.6**
IVY KNOB RCO 124.3
KESSEL VOR/DME 110.8T 122.1R
MARTINSBURG RCO 122.45
MORGANTOWN VORTAC 111.6T 122.1R 122.6
PARKERSBURG VORTAC 108.6T 122.1R 122.4
RAINELLE VOR 116.6T 122.1R
WHEELING VOR/DME 118.65 112.2T 122.1R

LEESBURG AFSS 122.0 122.2 122.6

ARMEL VORTAC 113.5T 122.1R
BALTIMORE VORTAC 115.1T 122.1R 122.2
BROOKE VORTAC 114.5T 122.1R
BUCK'S ELBOW MOUNTAIN RCO 122.2 122.65
CAPE CHARLES VORTAC 112.2T 122.1R
CASANOVA VORTAC 116.3T 122.1R
CHARLOTTESVILLE RCO 122.2 122.65
DANVILLE VOR 113.1T 122.2
FALLS CHURCH RCO 122.2 122.6
FLAT ROCK VORTAC 113.3T 122.1R
FRANKLIN VORTAC 110.6T 122.1R
FREDERICK VOR 109.0T 122.1R
GLADE SPRING VOR/DME 110.2T 122.1R

GORDONSVILLE VORTAC 115.6T 122.1R
HAGERSTOWN VOR 109.8T 122.1R
HARCUM VORTAC 108.8T 122.1R
HOPEWELL VORTAC 112.0T 122.1R
LAWRENCEVILLE VORTAC 112.9T 122.1R
LINDEN VORTAC 114.3T 122.1R
LYNCHBURG VORTAC 109.2T 122.1R
MARTINSBURG VORTAC 112.1T 122.1R
MONTEBELLO VOR/DME 115.3T 122.1R
NEWPORT NEWS RCO 122.2 122.65
NORFOLK VORTAC 116.9T 122.1R
NOTTINGHAM VORTAC 113.7T 122.1R
PATUXENT VORTAC 117.6T 122.1R
PULASKI VORTAC 116.8T 122.1R 122.3
RICHMOND VORTAC 114.1T 122.1R 122.2 **122.4**
ROANOKE VORTAC 109.4T
ROANOKE RGNL/WOODRUM RCO 122.2 122.6 109.4T 122.1R
SALISBURY VORTAC 111.2T 122.1R 122.2 122.3
SNOW HILL VORTAC 112.4T 122.1R 122.6
SOUTH BOSTON VORTAC 110.4T 122.1R
WESTMINSTER VOR/DME 117.9T 122.1R

MILLVILLE AFSS

ATLANTIC CITY VORTAC 108.6T 122.55
BROADWAY RCO 122.35
CEDAR LAKE VORTAC 115.2T 122.1R
COLTS NECK RCO 122.3
COYLE VORTAC 113.4T 122.1R
DUPONT VORTAC 114.0T 122.1R
MILLVILLE RCO 122.1R 122.2 **122.65** 123.65
ROBBINSVILLE VORTAC 113.8T 122.1R 122.45
SEA ISLE VORTAC 114.8T 122.1R
SMYRNA VORTAC 111.4T 122.1R
SOLBERG VOR/DME 112.9T 122.1R
SPARTA RCO 122.5
STILLWATER VOR/DME 109.6T 122.1R
TETERBORO RCO 122.2 **122.65**
WATERLOO VOR/DME 112.6T 122.1R
WOODSTOWN VORTAC 112.8T 122.1R

NEW YORK IFSS

HAMPTON VORTAC 113.6T 122.1R 122.6
HUGUENOT VOR/DME 116.1T 122.1R
KENNEDY VOR/DME 115.9T 122.1R
KINGSTON VOR/DME 117.6T 122.1R
LA GUARDIA VOR/DME 113.1T
NEW YORK RCO 122.2 122.6
POUGHKEEPSIE RCO 122.2 122.4

WILLIAMSPORT AFSS

ALLENTOWN VORTAC 117.5T 122.1R
HARRISBURG VORTAC 112.5T 122.1R 122.2 122.4
LANCASTER VORTAC 117.3T 122.1R
MODENA VORTAC 113.2T 122.1R
NORTH PHILADELPHIA VOR 112.0T 122.2 122.6
POTTSTOWN VORTAC 116.5T
RAVINE VORTAC 114.6T 122.1R
SELINSGROVE VORTAC 110.4T 122.1R
STONYFORK VOR/DME 108.6T 122.1R
WILKES–BARRE RCO 122.2 122.6
WILLIAMSPORT RCO 122.2 122.65
WILLIAMSPORT VOR/DME 114.4T 122.1R
YARDLEY VOR/DME 108.2T

FLIGHT STANDARDS DISTRICT OFFICES (FSDO)

Below is a list of FSDO's in the area of coverage of this directory. These offices serve the aviation industry and the general public on matters relating to certification and operation of general aviation aircraft. Address letters to Manager, Flight Standards District Office-Federal Aviation Administration.

Flight Standards personnel in these offices are responsible for serving the aviation industry and the general public on all matters relating to the certification and operation of general aviation aircraft.

CONNECTICUT

1st Floor, Building 85–214
Bradley International Airport
Windsor Locks, Connecticut 06096–1009
Telephone: 860–654–1000

DISTRICT OF COLUMBIA

Hallmark Building
13873 Park Center Road, Suite 475
Herndon, VA 20171
Telephone: 703–230–7664
Fax: 703–230–7720

MAINE

Portland International Jetport
2 AL McKay Avenue
Portland, Maine 04102
Telephone: 207–780–3263

MARYLAND

890 Airport Park Road
Cromwell Business Park
Glen Burnie, Maryland 21061
Mailing Address
BWI Airport, Maryland 21240
Telephone: 410–787–0040

MASSACHUSETTS

One Cranberry Hill
Fourth Floor, Suite 402
Lexington, Massachusetts 02421-7394
Telephone: 781–274–7130
Fax: 781–274–6725

NEW JERSEY

Park 80 West, Plaza One
Saddlebrook, New Jersey 07663
Telephone: 201–556–6600

NEW YORK

7 Airport Park Boulevard
Latham, New York 12110
Telephone: 518–785–5660

Administrative Building, Suite 235
Route 110, Republic Airport
Farmingdale, New York 11735
Telephone: 631–755–1300

990 Stewart Ave., Suite 630
Garden City, NY 11530–4858
Telephone: 516–228–8033

#1 Airport Way, Suite 110
Rochester, New York 14624
Telephone: 585–436–3880

PENNSYLVANIA

Allegheny County Airport
3000 Lebanon Church Road, Suite 300
West Mifflin, Pennsylvania 15122
Telephone: 412–466–5357

Allentown-Bethlehem-Easton Airport
961 Marcon Blvd., Suite 111
Allentown, Pennsylvania 18103
Telephone: 610–264–2888

Capital City Airport
400 Airport Rd, Room 101
New Cumberland, Pennsylvania 17070
Telephone: 717–774–8271

International Plaza #2, 2nd Floor
Philadelphia, Pennsylvania 19113
Telephone: 610–595–1500

One Thorn Run Center, Suite 200
1187 Thorn Run Extension
Coraopolis, PA 15108
Telephone: 412–262–9034

VIRGINIA

Richmond Intl
5757 Huntsman Rd, Suite 100
Richmond, Virginia 23250-2415
Telephone: 804–222–7494

WEST VIRGINIA

Yeager Airport
301 Eagle Mountain Road, Room 144
Charleston, West Virginia 25311
Telephone: 304–347–5199

PREFERRED IFR ROUTES

A system of preferred routes has been established to guide pilots in planning their route of flight, to minimize route changes during the operational phase of flight, and to aid in the efficient orderly management of the air traffic, using federal airways. The preferred IFR routes which follow are designed to serve the needs of airspace users and to provide for a systematic flow of air traffic in the major terminal and en route flight environments. Cooperation by all pilots in filing preferred routes will result in fewer traffic delays and will better provide for efficient departure, en route and arrival air traffic service.

The following lists contain preferred IFR routes for the low altitude stratum and the high altitude stratum. The high altitude list is in two sections; the first section showing terminal to terminal routes and the second section showing single direction route segments. Also, on some high altitude routes low altitude airways are included as transition routes.

The following will explain the terms/abbreviations used in the listing:

1. Preferred routes beginning/ending with an airway number indicate that the airway essentially overlies the airport and flight are normally cleared directly on the airway.
2. Preferred IFR routes beginning/ending with a fix indicate that aircraft may be routed to/from these fixes via a Standard Instrument Departure (SID) route, radar vectors (RV), or a Standard Terminal Arrival Route (STAR).
3. Preferred IFR routes for major terminals selected are listed alphabetically under the name of the departure airport. Where several airports are in proximity they are listed under the principal airport and categorized as a metropolitan area; e.g., New York Metro Area.
4. Preferred IFR routes used in one direction only for selected segments, irrespective of point of departure or destination, are listed numerically showing the segment fixes and the direction and times effective.
5. Where more than one route is listed the routes have equal priority for use.
6. Official location identifiers are used in the route description for VOR/VORTAC navaids.
7. Intersection names are spelled out.
8. Navaid radial and distance fixes (e.g., ARD201113) have been used in the route description in an expediency and intersection names will be assigned as soon as routine processing can be accomplished. Navaid radial (no distance stated) may be used to describe a route to intercept a specified airway (e.g., MIV MIV101 V39); another navaid radial (e.g. UIM UIM255 GSW081); or an intersection (e.g., GSW081 FITCH).
9. Where two navaids, an intersection and a navaid, a navaid and a navaid radial and distance point, or any navigable combination of these route descriptions follow in succession, the route is direct.
10. The effective times for the routes are in UTC. During periods of daylight saving time effective times will be one hour earlier than indicated. All states observe daylight saving time except Arizona, Peurto Rico and the Virgin Islands. Pilots planning flight between the terminals or route segments listed should file for the appropriate preferred IFR route.
11. (90–170 incl) altitude flight level assignment in hundred of feet.
12. The notations pressurized and unpressurized for certain low altitude preferred routes to Kennedy Airport indicate the preferred route based on aircraft performance.
13. High Altitude Preferred IFR Routes are in effect during the following time periods unless otherwise noted.

Sun	1300–2259 local time.
Mon thru Fri	0701–2259 local time.
Sat	0701–1459 local time.

14. Use current SIDs and STARSs for flight planning.
15. For high altitude routes, the portion of the routes contained in brackets [ ] is suggested but optional. The portion of the route outside the brackets will likely be required by the facilities involved.

LOW ALTITUDE

Terminals	Route	Effective Times (UTC)
ALBANY (ALB)		
Boston (BOS)	(60–170 incl) V2 GDM GDM–STAR	1100–0300
Kennedy (JFK)	(60–170 incl, non-jet) V44 DPK	1100–0300
La Guardia (LGA)	(70–170 incl, less than 250 kts) V123 or (110–170 incl, 250 kts or more) IGN V157 HAARP	1100–0300 1100–0300
NE Philadelphia (PNE)	(90–170, non–turbojet) V14 CEDOR DNY051 DNY LHY LVZ V613 FJC V149 MAZIE ARD or (90–170, turbojet) V14 CEDOR DNY051 DNY LHY LVZ V29 ETX V30 V149 MAZIE ARD	1100–0300 1100–0300
Newark (EWR)	(70–170 incl, non–turbojet) V489 COATE or (110–170 incl, turbojet) V213 TALCO SHAFF–STAR	1100–0300 1100–0300
Philadelphia (PHL)	(60–170 incl less than 210 kts, non–turbojet) V14 CEDOR DNY051 DNY V449 LHY V93 LVZ V29 PTW or	 1100–0300

Terminals	Route	Effective Times (UTC)
	(60–170 incl 210 kts plus, non–turbojet) V14 CEDOR DNY051 DNY V449 LHY V93 LVZ V613 FJC PTW	1100–0300
	or	
	(70–170 turbojets only) V14 CEDOR DNY051 DNY SLATT–STAR	
Trenton (TTN)	(90–170, non–turbojet) V14 CEDOR DNY051 DNY LHY LVZ V613 FJC V149 MAZIE ARD	1100–0300
	or	
	(90–170, turbojet) V14 CEDOR DNY051 DNY LHY LVZ V29 ETX V30 V149 MAZIE ARD	1100–0300
BALTIMORE (BWI)—See Washington/Baltimore Metro		
BOSTON METRO AREA (BOS)		
Cleveland (CLE)	(60–170) MHT V490 UCA V2 SYR V84 GEE V464 V115 TDT V72 V232 CXR	1000–0300
Kennedy (JFK)	(110–170, jets) LUCOS SEY067 SEY PARCH CCC ROBER	1100–0300
	or	
	(110–170, Props) LUCOS SEY067 SEY HTO V46 DPK	
	or	
	(AOB 100) BOSOX V419 V14 ORW V16 DPK	
La Guardia (LGA)	(110–170 incl, more than 250 kts) BOSOX BDL BDL255 VALRE V157 HAARP	1100–0300
	or	
	(110–170 incl, less than 250 kts) GLYDE BAF PWL V405 CASSH V123 HAARP	
Martha's Vineyard (MVY)	BOS V141 DRUNK	0000–2359
NE Philadelphia (PNE)	(60–100, non–turbojet, water) ARCER SEY V268 HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(90–170, non–turbojet) V292 SAGES V408 LHY LVZ V613 FJC V149 MAZIE ARD	1100–0300
	or	
	(110–170, water) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD	1100–0300
	or	
	(110–170, non–turbojet, water) BOS LUCOS SEY067 SEY HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(60–100, water) ARCER SEY V268 HTO V139 MANTA V276 ARD	1100–0300
	or	
	(110–170, jets) BOS LUCOS SEY067 SEY HTO V139 BRIGS CEDAR LAKE–STAR	1100–0300
Newark (EWR)	(110–170 incl, props) GLYDE BAF V292 SAGES V489 COATE	1100–0300
	or	
	(110–170, Jets) BOSOX BDL SHAFF–STAR	1100–0300
Philadelphia (PHL)	(80–170 incl) ARCER SEY V268 HTO V308 DRIFT V312 CYN	1100–0300
	or	
	(60–170, non–turbojet, >210 kts) V292 SAGES V408 LHY V93 LVZ V613 FJC PTW	1100–0300
Rochester (ROC)	(60–170 incl) MHT V490 UCA V2	1000–0300
Syracuse (SYR)	(60–170 incl) MHT V490 UCA V2	1000–0300
Trenton (TTN)	(60–100, water) ARCER SEY V268 HTO V139 MANTA V276 ARD	1100–0300
	or	
	(110–170, water) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD	1100–0300
	or	
	(90–170, non–turbojet) V292 SAGES V408 LHY LVZ V613 FJC V149 MAZIE ARD	1100–0300

Terminals	Route	Effective Times (UTC)
Washington Natl (DCA)	(80–170 incl) ARCER AVONN V268 HTO V308 OTT	1100–0300
Wilmington (ILG)	(60–100, non–turbojet, water) ARCER SEY V268 HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170, non–turbojet, water) BOS LUCOS SEY067 SEY HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170, turbojets) BOS LUCOS SEY067 SEY HTO V139 BRIGS CEDAR LAKE–STAR	1100–0300
BUFFALO (BUF)		
Boston (BOS)	(60–170 incl) V252 GEE V14 GDM GDM-STAR	1100–0300
Chicago Midway (MDW)	(60–170 incl) V84 LAN V218 ELX V55 GIJ V156 V92 CGT	1100–0300
Chicago O'Hare (ORD)	(60–170 incl) V84 PAPPI	1100–0300
Cleveland (CLE)	(60–170 incl) V115 JHW V270 ERI V14 JFN CXR	1100–0300
Detroit Metro Wayne Co (DTW)	(60–170 incl) V2 YQO SPICA–STAR	1100–0300
Detroit Satellites: Ann Arbor (ARB), Windsor (CYQG), Willow Run (YIP)	(60–170 incl) V2 YQO	1100–0300
Elmira (ELM)	(60–170 incl) V14 GEE V147	1100–0300
Philadelphia (PHL)	(60–170 incl) V33 V210 BUNTS	
Pittsburgh (PIT)	(60–170 incl) V115 TDT CIP GRACE–STAR	1100–0300
Washington Natl (DCA)	(60–170 incl) V33 BFD V170 V93 BAL	1100–0300
CAPE COD (CPD)		
Atlantic City (ACY)	(60–100 singles) V34 SEY V268 HTO CCC V16 DIXIE V229	1000–0300
	or	
	(AOB 100 all) V34 SEY V268 HTO V308 BRIGS	1000–0300
	or	
	(AOB 100 all) V146 BAF V292 SAGES V408 LHY V106 LVZ V29 MXE V184	1000–0300
Dover AFB (DOV)	(60 –100 singles) V34 SEY V268 HTO V46 DPK V16 ENO	1000–0300
	or	
	(AOB 100 all) V34 SEY V268 ENO	1000–0300
	or	
	(AOB 100 all) PVD V146 BAF V292 SAGES V408 LHY V106 LVZ V29 ENO	1000–0300
Dubois (DUJ)	(AOB 100 all) PVD V146 BAF V292 SAGES V408 LHY V58 FQM V226 PARDY	1000–0300
Gaithersburg (GAI)	(60–100 singles) V34 SEY V268 HTO V46 DPK V16 ENO V268 BAL	1000–0300
	or	
	(AOB 100 all) SEY HTO V268 EMI	1000–0300
	or	
	(AOB 100 all) PVD V146 BAF V292 SAGES V408 LHY V93 LRP V457 EMI	1000–0300
NE Philadelphia (PNE)	(60–100, single engine only) V34 SEY V268 HTO V46 DPK V16 CYN V312 OOD	1100–0300
	or	
	(60–100, non–turbojet, water) ARCER SEY V268 HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170, non–turbojet) BOS LUCOS SEY067 SEY HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170, jets) BOS LUCOS SEY067 SEY HTO V139 BRIGS CEDAR LAKE–STAR	1100–0300
	or	
	(60–100, water) ARCER SEY V268 HTO V139 MANTA V276 ARD	1100–0300
	or	
	(110–170, water) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD	1100–0300

Terminals	Route	Effective Times (UTC)
	or	
	(90–170, non–turbojet) V292 SAGES V408 LHY LVZ V613 FJC V149 MAZIE ARD	1100–0300
Newark (EWR)	(110–170, turbojet) BOSOX BDL SHAFF–STAR	1100–0300
Newburgh (SWF)	(AOB 100 all) PVD V405 BDL V205 TRESA	1000–0300
Trenton (TTN)	(60–100, water) ARCER SEY V268 HTO V139 MANTA V276 ARD	1100–0300
	or	
	(110–170, water) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD	1100–0300
	or	
	(90–170, non–turbojet) V292 SAGES V408 LHY LVZ V613 FJC V149 MAZIE ARD	1100–0300
White Plains (HPN)	(AOA 110, 250 kts or less) PVD V146 BAF V106 PWL V405 CASSH V123 HAARP	1100–0300
	or	
	(AOA 110, more than 250 kts) PVD PUT BDL IGN V157 HARRP	
Wilmington (ILG)	(60–100 single engine only) V34 SEY V268 HTO V46 DPK V16 CYN V312 OOD	1000–0300
	or	
	(60–100, non–turbojet, water) ARCER SEY V268 HTO V139 BRIGS ACY V184 OOD	1000–0300
	or	
	(AOB 100 all) PVD V146 BAF V292 SAGES V408 LHY V106 LVZ V29 DQO	1000–0300
	or	
	(110–170, non–turbojet, water) BOS LUCOS SEY067 SEY HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170, jets) BOS LUCOS SEY067 SEY HTO V139 BRIGS CEDAR LAKE–STAR	1100–0300
CHARLESTON (CRW)		
Pittsburgh (PIT)	(60–170 incl) V115 JPU V117 WISKE WISKE–STAR	
KENNEDY (JFK)—See New York Metro Area		
LA GUARDIA (LGA)—See New York Metro Area		
MONTREAL (CYUL)		
Newark (EWR)	(80-170 incl, 250 kts or less) V282 SLK V203 ALB V489 COATE	1100-0300
	or	
	(110-170 incl, more than 250 kts) V282 SLK V203 ALB V213 SAX	1100-0300
NEW YORK METRO AREA		
From **KENNEDY (JFK)** only		
Albany (ALB)	(70–170 incl) BDR V487 CANAN V130	1100–0300
Baltimore (BWI)	(90–170 incl, 250 kts or less) WHITE V1 LEEAH V268	1100–0300
	or	
	(140–170 incl, more than 250 kts) RBV RBV274 MXE056 V378 BAL	1100–0300
Boston (BOS)	(110–170, turbojet) MERIT ORW PVD ORW–STAR	1100–0300
	or	
	(110–170, non–turbojet) MERIT ORW V16 WOONS	1100–0300
Burlington (BTV)	(90–170 incl) BDR V487	1100–0300
Hagerstown (HGR)	(140–160) RBV V276 V162 HAR V377	1100–0300
	or	
	(90–130 incl) COATE V188 LVZ V93 DUMMR V162 HAR V377	

Terminals	Route	Effective Times (UTC)
Harrisburg (MDT)	(90–130 incl) COATE V188 LVZ V93 DUMMR V162 HWANG	1100–0300
	or	
	(140–160 incl) RBV V276 V162 HWANG	1100–0300
	or	
	(90–130 incl) COATE V188 LVZ V93 DUMMR V162 HYPER V143 ROBRT AML	1100–0300
Montreal (CYUL)	(110–170) BDR V487 BTV V91 NAPEE	1100–0300
Norfolk (ORF)	(90–170 incl, more than 250 kts) WAVEY PLUME V139 CCV	1100–0300
	or	
	(90–170 incl, 250 kts or less) WHITE V1 CCV	1100–0300
Portland (PWM)	(110–170) MERIT HFD EEN CON CON061 NEETS	1100–0300
Providence (PVD)	(110–170 incl) BAYYS V229 SEALL V188 GON V374 MINNK	1100–0300
Rochester (ROC)	(90–130 incl) HAAYS HUO V252 GIBBE	1100–0300
	or	
	(140–170 incl) GAYEL V374 CFB V252 GIBBE	1100–0300
Rome (RME)	(90–170) HAAYS V273 V449 DNY V249 UCA	1100–0300
Syracuse (SYR)	(90–130 incl) HAAYS HUO V252 CFB V29	1100–0300
	or	
	(140–170 incl) GAYEL V374 CFB	1100–0300
Toronto (CYYZ)	(90–130 incl) COATE V126 LHY ULW V36	1100–0300
	or	
	(140–170 incl) GAYEL V374 CFB V270 ULW V36	1100–0300
Washington Dulles (IAD)	(140–170 incl, jets) RBV V276 V457 LRP V143 MULRR AML	1100–0300
	or	
	(140–170 incl, props) RBV V276 V39 LRP V143 MULRR AML	1100–0300
Washington Natl (DCA)	(80–170 incl, 250 kts or less) V1 LEEAH V229 V308 OTT	1100–0300
	or	
	(80–170 incl, more than 250 kts) WAVEY PLUME V308 BILIT	1100–0300
From LA GUARDIA (LGA) only		
Albany (ALB)	(70–170 incl) BDR V487 CANAN V130	1100–0300
Baltimore (BWI)	(90–170 incl) BIGGY V3 MXE V378 BAL	1100–0300
Binghamton (BGM)	(90–170 incl) HAAYS HUO V252 CFB	1100–0300
Boston (BOS)	(110–170 turbojet) MERIT ORW PVD ORW–STAR	1100–0300
	or	
	(110–170 non–turbojet) MERIT ORW V16 WOONS	1100–0300
Cleveland (CLE)	(90–100 incl) LANNA V30 SEG V6 YNG CXR	1100–0300
	or	
	(140–170 incl.) ELIOT V39 ETX V30 SEG V6 YNG CXR	1100–0300
Elmira (ELM)	(90–170 incl) COATE V126 LHY ULW	1100–0300
Harrisburg (CXY)	(90–100) LANNA V30 ETX V162 HWANG	1100–0300
	or	
	(110–170 incl) ELIOT V39 ETX V162 HWANG	1100–0300
Manchester (MHT)	(110–170 non–turbojet) MERIT HFD V229 GDM V106	1100–0300
	or	
	(110–170, turbojet) MERIT HFD EEN MHT	1100–0300
Martha's Vineyard (MVY)	(110–170 incl) BAYYS V229 SEALL V188 GON V374	1100–0300
Montreal (CYUL)	(70–170 incl) BDR V91 BOWAN V487 BTV V91 NAPEE	1100–0300
Nantucket (ACK)	(110–170 incl) BAYYS V229 SEALL V188 GON V374 ORW130 DEEPO V46	1100–0300
Norfolk (ORF)	(90–170 incl) WHITE V1 CCV	
Pittsburgh (PIT)	(90–100 incl) LANNA V30 PSB GRACE–STAR	1100–0300
	or	
	(140–170 incl) ELIOT V39 ETX V30 PSB GRACE–STAR	1100–0300

Terminals	Route	Effective Times (UTC)
Portland (PWM)	(110–170 all) MERIT HFD EEN CON CON061 NEETS	1100–0300
Providence (PVD)	(110–170 incl) BAYYS V229 SEALL V188 GON V374 MINNK	1100–0300
Richmond (RIC)	(90–170 incl) WHITE V1 CCV HPW	1100–0300
Rochester (ROC)	(90–170 incl) HAAYS HUO V252 GIBBE	1100–0300
Rome (RME)	HAAYS V273 V449 DNY V249 UCA	1100–0300
Syracuse (SYR)	(90–170 incl, less than 250 kts) HAAYS HUO V252 CFB V29	1100–0300
	or	
	(90–170 incl, 250 kts plus) GAYEL CFB	1100–0300
Toronto (CYYZ)	(90–170 incl) COATE V126 LHY ULW V36	1100–0300
Washington Dulles (IAD)	(140–170 incl, jets) PARKE V457 LRP V143 MULRR AML	1100–0300
	or	
	(140–170 incl, props) ELIOT V39 LRP V143 MULRR AML	1100–0300
	or	
	(90–130 incl, props) LANNA V30 ETX V39 LRP V143 ROBRT AML	1100–0300
Washington Natl (DCA)	(90–170 incl , props) BIGGY V3 MXE V378 BAL	1100–0300
Wilkes-Barre/Scranton (AVP)	(90–170 incl) COATE V188 LVZ	1100–0300
From **NEWARK (EWR)** only		
Albany (ALB)	(70-170 incl, turbojets) BDR V487 CANAN V130	1100–0300
	or	
	(70-170 less than 210 kts) BREZY V39 SOARS V487 CANAN V130	1100–0300
	or	
	(70-170, greater than 210 kts) HAAYS V273 V449	1100–0300
Baltimore (BWI)	(90-170 incl) BIGGY V3 MXE V378	1100–0300
Bedford (BED)	(110-170 incl) MERIT HFD GRAYM–STAR	1100–0300
Binghamton (BGM)	(90-170 incl) HAAYS HUO V252 CFB	1100–0300
Boston (BOS)	(110-170, turbojet) MERIT ORW PVD ORW–STAR	1100–0300
	or	
	(110-170, non–turbojet) MERIT ORW V16 WOONS	1100–0300
Buffalo (BUF)	(90- 170 incl) COATE V126 LHY ULW ULW306 V164	1100–0300
Burlington (BTV)	(110-170 incl) GREKI V39 SOARS V487	1100–0300
Cleveland (CLE)	(90-100 incl) LANNA V30 SEG V6 YNG CXR	1100–0300
	or	
	(140-170 incl) ELIOT V39 ETX V30 SEG V6 YNG CXR	1100–0300
Elmira (ELM)	(90-170 incl) COATE V126 LHY ULW	1100–0300
Harrisburg (CXY)	(90-100 incl) LANNA V30 ETX V162 HWANG	1100–0300
	or	
	(110-170 incl) ELIOT V39 ETX V162 HWANG	1100–0300
Hyannis (HYA)	(110-170 incl) BAYYS V229 SEALL V188 GON V374 MVY	1100–0300
Manchester (MHT)	(110–170, non–turbojet) MERIT HFD V229 GDM V106	1100–0300
	or	
	(110–170 turbojet) MERIT HFD EEN MHT	1100–0300
Martha's Vineyard (MVY)	(110-170 incl) BAYYS V229 SEALL V188 GON V374	1100–0300
Martinsburg (MRB)	(90-100) LANNA V30 ETX V39	1100–0300
	or	
	(110-170 incl) ELIOT V39	1100–0300
Martin State (MTN)	(90-170 incl) BIGGY V3 MXE V408 VINNY V93 SKILS	1100–0300
Montreal (CYUL)	(70-170 incl) BDR V91 BOWAN V487 BTV V91 NAPEE	1100–0300
Nantucket (ACK)	(110-170 incl) BAYYS V229 SEALL V188 GON V374 ORW130 DEEPO V46	1100–0300
Norfolk (ORF)	(90-170 incl) WHITE V1 CCV	1100–0300

Terminals	Route	Effective Times (UTC)
Norwood (OWD)	(110-170 incl) MERIT ORW V16 WOONS	1100–0300
Pittsburgh (PIT)	(90-100 incl) LANNA V30 PSB GRACE–STAR	1100–0300
	or	
	(140-170 incl.) ELIOT V39 ETX V30 PSB GRACE–STAR	1100–0300
Portland (PWM)	(110-170, all) MERIT HFD EEN CON CON061 NEETS	1100–0300
Providence (PVD)	(110-170 incl) BAYYS SEALL V188 GON V374 MINNK	1100–0300
Richmond (RIC)	(90-170 incl) WHITE V1 CCV HPW	1100–0300
Rochester (ROC)	(90-170 incl) HAAYS HUO V252 GIBBE	1100–0300
Rome (RME)	(90–170, all others) HAAYS V273 V449 DNY V249 UCA	1100–0300
Syracuse (SYR)	(90-170 incl, less than 250 Kts) HAAYS HUO V252 CFB V29	1100–0300
	or	
	(90-170 incl, 250 Kts plus) GAYEL CFB	1100–0300
Toronto (CYYZ)	(90-170 incl) COATE V126 LHY ULW V36	1100–0300
Washington Dulles (IAD)	(140-170 incl, jets) PARKE V457 LRP V143 MULRR AML	1100–0300
	or	
	(140-170 incl, props) ELIOT V39 LRP V143 MULRR AML	1100–0300
	or	
	(90-130 incl, props) LANNA V30 ETX V39 LRP V143 MULRR AML	1100–0300
Washington Natl (DCA)	(90–170 incl , props) BIGGY V3 MXE V378 BAL	1100–0300
Wilkes-Barre/Scranton (AVP)	(90–170 incl) COATE V188 LVZ	1100–0300
From **WHITE PLAINS (HPN)** only		
Albany (ALB)	(70–170 incl) BDR V487 CANAN V130	1100–0300
Baltimore (BWI)	(90–170 incl) BIGGY V3 MXE V378 BAL	1100–0300
Binghamton (BGM)	(90–170 incl) HAAYS HUO V252 CFB	1100–0300
Boston (BOS)	(110–170 turbojet) MERIT ORW PVD ORW–STAR	1100–0300
	or	
	(110–170 non–turbojet) MERIT ORW V16 WOONS	1100–0300
Cleveland (CLE)	(90–170 incl) COATE V126 LHY V58 PSB V6 YNG CXR	1100–0300
Elmira (ELM)	(90–170 incl) COATE V126 LHY ULW	1100–0300
Harrisburg (CXY)	(90–100) LANNA V30 ETX V162 HWANG	1100–0300
	or	
	(110–170 incl) ELIOT V39 ETX V162 HWANG	1100–0300
Manchester (MHT)	(110–170 non–turbojet) MERIT HFD V229 GDM V106	1100–0300
	or	
	(110–170, turbojet) MERIT HFD EEN MHT	1100–0300
Martha's Vineyard (MVY)	(110–170 incl) BAYYS V229 SEALL V188 GON V374	1100–0300
Montreal (CYUL)	(70–170 incl) GREKI V39 SOARS V487 BTV V91 NAPEE	1100–0300
Nantucket (ACK)	(110–170 incl) BAYYS V229 SEALL V188 GON V374 ORW130 DEEPO V46	1100–0300
Norfolk (ORF)	(90–170 incl) WHITE V1 CCV	1100–0300
Norwood (OWD)	(110–170 incl) MERIT ORW V16 WOONS	1100–0300
Pittsburgh (PIT)	(90–170 incl) COATE V126 LHY V58 PSB GRACE–STAR	1100–0300
Portland (PWM)	(110–170, all) MERIT HFD EEN CON CON061 NEETS	1100–0300
Providence (PVD)	(110–170 incl) BAYYS V229 SEALL V188 GON V374 MINNK	1100–0300
Richmond (RIC)	(110–170 incl) WHITE V1 CCV HPW	1100–0300
Rochester (ROC)	(90–170 incl) HAAYS HUO V252 GIBBE	1100–0300
Syracuse (SYR)	(90–130 incl) HAAYS HUO V252 CFB V29	1100–0300
	or	
	(140–170 incl) HAAYS HUO V252 CFB	1100–0300
Toronto (CYYZ)	(90–170 incl) COATE V126 LHY ULW V36	1100–0300

Terminals	Route	Effective Times (UTC)
Washington Dulles (IAD)	(140–170 incl, jets) PARKE V457 LRP V143 MULRR AML	1100–0300
	or	
	(140–170 incl, props) ELIOT V39 LRP V143 MULRR AML	1100–0300
	or	
	(90–130 incl, props) LANNA V30 ETX V39 LRP V143 MULRR AML	1100–0300
Washington Natl (DCA)	(90–170 incl , props) BIGGY V3 MXE V378 BAL	1100–0300
Wilkes-Barre/Scranton (AVP)	(90–170 incl) COATE V188 LVZ	1100–0300
NORFOLK METRO AREA		
Baltimore (BWI)	HPW V213 PXT V93 GRACO	1100–0300
Kennedy (JFK)	(90–170 incl, 250 kts or less) SCHOL SBY200 V139 SIE V44 PANZE V184 ZIGGI	1100–0300
	or	
	(90–170 incl, more than 250 kts) SCHOL SBY200 V139 SIE CAMRN-STAR	1100–0300
La Guardia (LGA)	(90–170, non-jet) SCHOL SBY200 SBY V29 DQO V479 RUUTH V123 RENUE	1100–0300
	or	
	(90–170 incl, more than 250 kts, non-jet) SCHOL SBY200 SBY V29 V445 NANCI	1100–0300
Newark (EWR)	(110–170 incl, turbojets only) HPW V213 PXT DYLIN–STAR	1100–0300
	or	
	(non–jets, 180 kts or greater) HPW V213 PXT PXTØ23 GATBY V445 DQO V479 RUUTH V123 RBV RBV005 OWBIE	1100–0300
	or	
	(50–90 incl, non–jet, less than 180 kts) SCHOL SBY V29 MXE ARD V214 METRO	1100–0300
Philadelphia (PHL)	(70–170 incl) SCHOL SBY200 V139 SWL SWL034 RADDS VCN-STAR	1100–0300
Teterboro (TEB)	(advanced navigation, turbojets only) HPW V213 PXT JAIKE-STAR	1100–0300
	or	
	(turboprop) HPW V213 PXT PXT023 GATBY V445 DQO DQ0029 V3 SBJ TEB	1100–0400
	or	
	(piston) SCHOL SBY V29 MXE V3 SBJ TEB	1100–0400
Washington Dulles (IAD)	(Jet only) HPW RIC COATT-STAR	1100–0300
	or	
	(Non-Jet) HPW RIC RIC345 COATT V155 BRV BRV007 BARIN	1100–0300
Washington Natl (DCA)	HPW RIC IRONS-STAR	1100–0300
PHILADELPHIA METRO AREA		
Binghamton (BGM)	(90–170 incl) PTW PTW320 V499 CFB	1100–0300
Boston (BOS)	(90–170 incl) DITCH V312 DRIFT V308 ORW V16 WOONS	1100–0300
Buffalo (BUF)	(90–170 incl) PTW PTW320 V499 V164 FQM V31 ULW ULW306 V164	1100–0300
Cleveland (CLE)	(60–170 incl) MXE V474 IHD V119 GALLS V214 AIR V8 BSV KEATN–STAR	1100–0300
Detroit Metro-Wayne Co (DTW)	(60–170 incl) PTW PTW320 V276 RAV V170 ERI SPICA–STAR	1100–0300
Detroit Satellites: Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	PTW PTW320 V276 RAV V170 ERI	
Elmira (ELM)	(90–170 incl) PTW PTW320 V499 V164 FQM V31 ULW	1100–0300
Kennedy (JFK)	(110–170, turbojets only) DITCH V312 V44 CAMRN	1100–0300
Norfolk (ORF)	(80–170 incl) OOD SBY V1 CCV	1100–0300
Richmond (RIC)	(80–170 incl) OOD OOD198 V229 PXT V16	1100–0300

Terminals	Route	Effective Times (UTC)
Syracuse (SYR)	(90–170 incl) PTW PTW320 V499 CFB V29	1100–0300
Toronto (CYYZ)	(90–170 incl) PTW PTW320 V499 V164 FQM V31 ULW V36	1100–0300
Washington Dulles (IAD)	(90–170 incl, turbojets only) MXE V474 V143 MULRR AML	1100–0300
Washington Natl (DCA)	(Turbojets only) MXE V378 BAL	1100–0300
White Plains (HPN)	(90–170 incl, props) DITCH V312 DRIFT V139 RICED RICED-STAR	1100–0300
Windsor Locks (BDL)	(90–170 incl) DITCH V312 DRIFT V139 MAD193 MAD MAD341 BRISS	
PITTSBURGH METRO AREA (PIT)		
Baltimore (BWI)	(90–170 incl) MGW V44 MRB V3 EMI	1100–0300
Boston (BOS)	(60–170) TON V35 ULW V72 ALB V2 GDM GDM–STAR	1100–0300
Buffalo (BUF)	(60–170 incl) EWC FKL DKK DKK020 WELLA	1100–0300
Chicago Midway (MDW)	(60–170 incl) BSV V8 FDY V422 CGT	1100–0300
Chicago O'Hare (ORD)	BSV V8 FDY V422 OXI V340 BEARZ	1100–0300
Cleveland (CLE)	(60–170 incl) BSV KEATN–STAR	1100–0300
Columbus (CMH/TZR)	(60–170 incl) TVT V43 APE	1100–0300
Detroit Metro–Wayne Co (DTW)	(60–170 incl) BSV DJB DJB314 GEMNI GEMNI–STAR	
Detroit Satellites: Ann Arbor (ARB), Willow Run (YIP)	(60–170 incl) EWC V37 ERI V221 V2	1100–0300
Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG)	(60–170 incl) BSV V40 DJB LLEEO–STAR	1100–0300
Harrisburg (MDT)	(60–170 incl) REC V210 HAR	1100–0300
Indianapolis (IND)	(60–170 incl) TVT V210 MIE CLANG-STAR	1100–0300
Kennedy (JFK)	(90–170 incl) TON PSB V6 SBJ V232 COL	1100–0300
La Guardia (LGA)	TON PSB V6 LIZZI	
Newark (EWR)	(70–170 incl, 250 kts or less) TON V35 PSB V58 FQM PENNS–STAR	1100–0300
Philadelphia (PHL)	(60–170 incl) REC V210 BUNTS	1100–0300
Washington Natl (DCA)	(90–170 incl) MGW V144 ESL V4 AML	1100–0300
White Plains (HPN)	(60–170 incl, props) TON PSB V58 IGN NOBBI-STAR	1100–0300
PROVIDENCE (PVD)		
La Guardia (LGA)	(110–170 incl, more than 250 kts) PUT BDL BDL255 VALRE V157 HAARP or (110–170 incl, less than 250 kts) V146 BAF V106 PWL V405 CASSH V123 HAARP	1100–0300 1100–0300
Newark (EWR)	(110–170 incl, turbojets) PUT BDL SHAFF–STAR or (110–170 incl, non–turbojet) PUT V146 BAF V292 V489 COATE	1100–0300 1100–0300
ROCHESTER (ROC)		
Baltimore (BWI)	(90–170 incl) V147 ULW V31 HAR V265 EMI	1100–0300
Boston (BOS)	(60–170 incl) FAULT V31 BEEPS V14 GDM GDM-STAR	1100–0300
Detroit Metro Wayne Co (DTW)	(60–170 incl) V31 AIRCO BUF V2 YQO SPICA–STAR	1100–0300
Detroit Satellites: Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	(60–170 incl) V31 AIRCO BUF V2 YQO	1100–0300
Kennedy (JFK)	(90–170 incl, props) V34 BEEPS RKA V433 PWL V44 DPK	1100–0300
Philadelphia (PHL)	(70–170 incl) V147 ULW V31 FQM MIP RAV V170 V210 BUNTS	
Washington Natl (DCA)	(90–170 incl, jet only) V147 ULW V35 PSB PSB149 SHILO V93 BAL or (90–170 incl, non-jet) V147 ULW V31 HAR V265 KRANT	1100–0300 1100–0300

Terminals	Route	Effective Times (UTC)
SYRACUSE (SYR)		
Boston (BOS)	(60–170 incl) V14 GDM GDM-STAR	1100–0300
Kennedy (JFK)	(70–170 incl, non-jet) V433 LOVES V44 DPK	1100–0300
Newark (EWR)	(110–170 incl, turbojets) V273 HNK SHAFF-STAR	1100–0300
	or	
	(70–170 incl, all other types) V273 HNK V167 WEARD V489 COATE	1100–0300
WASHINGTON/BALTIMORE METRO AREA		
From **BALTIMORE (BWI)** only		
Albany (ALB)	V93 LRP V499 CFB V270 DNY V449	1100–0400
Binghamton (BGM)	V93 LRP V499 CFB	1100–0300
Boston (BOS)	(90–170 incl props) PALEO-DP SIE V308 ORW V16 WOONS	1100–0300
Bridgeport (BDR)	(90–170 incl) PALEO-DP SIE V139 RICED MAD193 KEYED	1100–0300
Buffalo (BUF)	V93 SHILO PSB149 KOLBY V265 HAR V31 FQM V164	1100–0300
Charlottesville (CHO)	(below 110) V44 MRB V143 CEROL	1100–0300
	or	
	(110–170) FLUKY GVE	1100–0300
Cleveland (CLE)	MRB V501 THS V469 JST V297 TALLS V10 YNG CXR	1100–0300
Detroit Metro–Wayne Co (DTW)	(turbojets only) MRB V501 THS V469 JST EWC YNG V6 DJB GEMNI -STAR	
	or	
	(props only) MRB V501 THS V469 JST EWC YNG V6 DJB SKY SKY292 YQG197 LYNTN	
Detroit Satellites:		
Ann Arbor (ARB), Willow Run (YIP), Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG)	MRB V501 THS V469 JST EWC ERI	
	MRB V501 THS V469 JST EWC YNG V6 V297 LLEEO LLEEO-STAR	
Greensboro (GSO)	(70–170 incl, non–jet) V44 MRB V143 LYH V222 HENBY	0000–2359
Hartford (HFD)	(90–170 incl) PALEO-DP V308 GON V58	1100–0300
Islip (ISP)	(90–170 incl) PALEO-DP SIE V139 SARDI CCC	1100–0300
Kennedy (JFK)	(90–170 incl, 250 kts or greater) PALEO-DP ACY V229 PANZE V44 CAMRN	1100–0300
	or	
	(90–170 incl, less than 250 kts) PALEO-DP ACY V184 ZIGGI	1100–0300
Knoxville (TYS)	V44 MRB V143 MOL ROA V16	1100–0300
La Guardia (LGA)	(Turbojets only) PALEO–DP V44 AGARD KORRY–STAR	1100–0400
	or	
	(Non-turbojets) SWANN-DP DQO V479 RUUTH V123 RENUE	1100–0300
Nantucket (ACK)	(90–170 incl) POLLA V312 PALEO V44 SIE V139 HTO V46	1100–0300
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR V475 V188 GON V374 MVY	1100–0300
Newark (EWR)	(110–170 incl, turbojets only) SWANN–DP V445 DQO DYLIN–STAR	1100–0300
	or	
	(110–170 incl, non-turbojet, greater than 180 kts) SWANN-DP V445 DQO V479 RUUTH V123 RBV RBV005 OWBIE	1100–0300
Newburgh (SWF)	V93 LHY V408 FILPS V483	1100–0300
New Haven (HVN)	(90–170 incl) PALEO-DP SIE V139 RICED MAD193 KEYED	1100–0300
Norfolk (ORF)	(70–170 incl, non jet) V93 PXT V16 COLIN V33 V286 STEIN	1100–0300
	or	

Terminals	Route	Effective Times (UTC)
	(70–170 jets) DAILY V33 V286 STEIN	1100–0300
Philadelphia (PHL)	(70–170 incl) SWANN-DP DQO	1100–0300
Pittsburgh (PIT)	(90–170 incl) MRB IHD NESTO–STAR	1100–0300
Poughkeepsie (POU)	V93 IGN	1100–0300
Rochester (ROC)	V93 SHILO PSB149 KOLBY V265 HAR V31 GIBBE	1100–0300
Syracuse (SYR)	(non-jet) V93 SHILO PSB149 KOLBY V265 HAR V31 FQM V423 CFB V29	1100–0300
Teterboro (TEB)	(Jets, Advanced Nav Only) SWANN JAIKE–STAR	1100–0300
	or	
	(non–jets, 180 kts or greater) SWANN V445 DQO DQO029 V3 SBJ TEB	1100–0300
White Plains (HPN)	(110–170 incl) PALEO-DP SIE V139 RICED-STAR	1100–0300
	or	
	(70) V93 LRP ETX FJC BWZ SAX V39 BREZY	1100–0300
From **WASHINGTON DULLES INTL (IAD)** only		
Bridgeport (BDR)	(90–170 incl) WOOLY V214 BAL V44 SIE V139 RICED MAD193 KEYED	1100–0300
Buffalo (BUF)	(70–170 incl, non–jet) MRB HGR V501 THS TON ELZ V164	0000–2359
Detroit Metro–Wayne Co (DTW)	(Turbojets only) MRB V501 THS V469 JST EWC YNG V6 DJB GEMNI -STAR	
	or	
	(Non-turbojet) MRB V501 THS V469 JST EWC YNG V6 DJB SKY SKY292 YQG197 LYNTN	
Detroit Satellites:		
Ann Arbor (ARB), Willow Run (YIP)	MRB V501 THS V469 JST EWC ERI	
Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG)	MRB V501 THS V469 JST EWC YNG V6 V297 LLEEO LLEEO–STAR	
Greensboro (GSO)	(70–170 incl, non–jet) CSN V140 MOL V143 LYH V222 HENBY	0000–2359
Islip (ISP)	(90–170 incl) WOOLY V214 BAL V44 SIE V139 SARDI CCC	1100–0300
Kennedy (JFK)	(90–170 incl, 250 Kts or greater) PALEO V44 DONIL V229 PANZE V44 CAMRN	1100–0300
	or	
	(90–170 incl, less than 250 Kts) WOOLY V44 DONIL V229 ACY V184 ZIGGI	1100–0300
La Guardia (LGA)	(110–170 incl, turbojets only) PALEO V44 AGARD KORRY–STAR	1100–0300
	or	
	(90–170 incl, non turbojets) WOOLY V214 DQO V479 V123 RENUE	1100–0300
Newark (EWR)	(110–170 incl, turbojets only) AML SWANN V445 DQO DYLIN–STAR	1100–0300
	or	
	(110–170 incl, non–turbojet, more than 180 kts) WOOLY V214 SWANN RUUTH–STAR	1100–0300
Newburgh (SWF)	MRB V501 HGR V377 AML009 SEG230 SEG V106 LHY V408 V483 FILPS	1100–0300
New Haven (HVN)	(90–170 incl) WOOLY V214 BAL V44 SIE V139 RICED MAD193 KEYED	1100–0300
Philadelphia (PHL)	(70–170 incl) WOOLY V214 DQO	1100–0300
Pittsburgh (PIT)	(60–170) MRB V214 GRV IHD NESTO–STAR	1100–0300
Raleigh-Durham (RDU)	FLUKY GVE SBV-STAR	1100–0300
Rochester (ROC)	MRB V501 HGR V377 AML009 SEG230 SEG V31 GIBBE	1100–0300
Syracuse (SYR)	(non-jet) MRB V501 HGR V377 AML009 SEG230 SEG V31 FQM V423 CFB V29	1100–0300
	or	
	(jet) MRB V501 HGR V377 AML009 SEG230 SEG V31 FQM V423 CFB	1100–0300
Teterboro (TEB)	(Jets, Advanced Nav Only) SWANN FUBRR JAIKE (RNAV)–STAR	1100–0300
	or	

Terminals	Route	Effective Times (UTC)
	(non–jet, 180 kts or greater) SWANN V445 DQO DQO0029 V3 SBJ TEB	1100–0300
White Plains (HPN)	(90–170 incl) WOOLY V44 SIE V139 RICED RICED-STAR	1100–0300
	or	
	(70) MRB V501 HGR V377 HAR V162 ETX FJC BWZ SAX V39 BREZY	1100–0300
From **WASHINGTON NATIONAL (DCA)** only		
Albany (ALB)	KRANT V265 EMI V457 LRP V499 CFB V270 DNY V449	1100–0300
Allentown (ABE)	KRANT V265 EMI V457 LRP V39 ETX FJC	1100–0300
Altoona (AOO)	KRANT V265 V214 MRB JST AOO	1100–0300
Atlantic City (ACY)	(90–170) PALEO V44 SIE	
	or	
	(70) POLLA V312 GOLDA V268 LEEAH	1100–0300
Barnes (Westfield) (BAF)	(90–170) POLLA V312 PALEO V44 SIE V139 RICED MAD193 MAD MAD341 BRISS	1100–0300
	or	
	(70) PALEO V312 GOLDA V268 ENO V16 JFK V229 BDR BDR014 JUDDS BAF	
Bedford (BED)	POLLA V312 PALEO V44 SIE V308 ORW GRAYM–STAR	1100–0300
	or	
	(70) PALEO V312 GOLDA V268 ENO V16 JFK V229 HFD HFD053 DREEM	1100–0300
Binghamton (BGM)	KRANT V265 EMI V457 LRP V499 CFB	1100–0300
Boston (BOS)	(90–170 incl) POLLA V312 PALEO V44 SIE V308 ORW V16 WOONS	1100–0300
	or	
	(70) PALEO V312 GOLDA V268 ENO V16 JFK V229 HFD V3 WOONS	1100–0300
Bridgeport (BDR)	KRANT V265 EMI V457 LRP V93 LHY V106 PWL V44 DENNA	1100–0300
	or	
	(90–170) POLLA V312 PALEO V44 SIE V139 RICED MAD193 KEYED	1100–0300
	or	
	(70) PALEO V312 GOLDA V268 ENO V16 JFK V229 BDR	1100–0300
Buffalo (BUF)	EMI V265 HAR V31 FQM V164	1100–0300
Burlington (BTV)	KRANT V265 EMI V457 LRP V93 LHY V449 ALB	1100–0300
Butler (BTP)	KRANT V265 EMI V268 NESTO	1100–0300
Charleston (CRW)	LDN LDN275 V286 EKN V4 HVQ	1100–0300
Clarksburg (CKB)	LDN LDN275 V286 EKN CKB	1100–0300
Cleveland (CLE)	KRANT V265 V214 MRB V501 THS V469 JST V297 TALLS V10 YNG CXR	1100–0300
Concord (CON)	(90–170) POLLA V312 PALEO V44 SIE V139 HTO V308 ORW V14 GDM V39	1100–0300
Detroit Metro–Wayne Co (DTW)	(Turbojet only) KRANT V265 V214 MRB V501 THS V469 JST EWC YNG V6 DJB GEMNI-STAR	
	or	
	(Non-turbojet only) KRANT V265 V214 MRB V501 THS V469 JST EWC YNG V6 DJB SKY SKY292 YQG197 LYNTN	1100–0200

Terminals	Route	Effective Times (UTC)
Detroit Satellites:		
Ann Arbor (ARB), Willow Run (YIP)	KRANT V265 V214 MRB V501 THS V469 JST EWC ERI	
Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG)	KRANT V265 V214 MRB V501 THS V469 JST EWC YNG V6 V297 LLEEO LLEEO–STAR	
Dover (AFB (DOV)	(70) PALEO V312 GOLDA V268 ENO DOV	
Erie (ERI)	KRANT V265 V214 MRB JST CIP V276	1100–0300
Farmingdale (FRG)	(90–170) PALEO V44 DONIL V229 PANZE V44 CAMRN or (70) POLLA V312 GOLDA V268 ENO V16 JFK or (90–170 , less than 250 kts) PALEO V44 DONIL V229 ACY V184 ZIGGI FRG	 1100–0300
Greensboro (GSO)	(70–170 incl, non–jet) CSN V140 MOL V143 LYH V222 HENBY	0000–2359
Groton (GON)	(90–170) POLLA V312 PALEO V44 SIE V139 HTO HT0034 MONDI or (70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR MAD MAD126 MONDI	1100–0300
Hagerstown (HGR)	V265 EMI EMI325 HGR089	1100–0300
Harrisburg (MDT/CXY)	KRANT V265 EMI V265	1100–0300
Hartford (HFD)	(90–170) POLLA V312 PALEO V44 SIE V139 RICED MAD193 MAD V1 or (70) POLLA V312 GOLDA V268 ENO V16 JFK	1100–0300
Islip (ISP)	(90–170) POLLA V312 PALEO V44 SIE V139 SARDI CCC or (70) POLLA V312 GOLDA V268 ENO V16 JFK	1100–0300 1100–0300
Kennedy (JFK)	(90–170 incl, 250 kts or greater) POLLA V312 PALEO V44 DONIL V229 PANZE V44 CAMRN or (90–170 incl, less than 250 kts) POLLA V312 PALEO V44 DONIL V229 V184 ZIGGI	1100–0300 1100–0300
La Guardia (LGA)	PALEO V44 AGARD KORRY–STAR	1100–0300
Martha's Vineyard (MVY)	(90–170) POLLA V312 PALEO V44 SIE V139 HTO V46 FLAPE or (70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR MAD V475 V188 GON V374	1100–0300 1100–0300
Morgantown (MGW)	LDN V144	1100–0300
Nantucket (ACK)	(90–170) POLLA V312 PALEO V44 SIE V139 HTO V46 or (70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR V475 MAD V475 V188 GON V374 MVY	1100–0300 1100–0300
Newark (EWR)	(advanced navigation, turbojets only) SWANN V445 DQO DYLIN–STAR or (piston) SWANN V445 DQO V29 MXE ARD V214 METRO or (turboprops) SWANN V445 DQO V479 RUUTH V123 RBV RBV005 OWBIE	1100–0300 1100–0300 1100–0300
Newburgh (SWF)	KRANT V265 EMI V457 LRP V93 LHY V408 V483 FILPS	1100–0300
New Haven (HVN)	(90–170) POLLA V312 PALEO V44 SIE V139 RICED MAD193 KEYED or (70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR	1100–0300 1100–0300
Norfolk (ORF)	DAILY V33 V286 STEIN	1100–0300

Terminals	Route	Effective Times (UTC)
Philadelphia (PHL)	(110 , jets) MITCH V445 DQO	1100–0300
	or	
	(Props to PHL and Satellites) PALEO V170 DQO	1100–0300
Pittsburgh (PIT)	KRANT V265 V214 MRB V214 GRV IHD NESTO–STAR	1100–0300
Portland (PWM)	(90–170) POLLA V312 PALEO V44 SIE V139 HTO ORW GDM CON CON061 NEETS	1100–0300
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR MAD V1 HFD V229 GDM V106 ENE	1100–0300
Poughkeepsie (POU)	KRANT V265 EMI V457 LRP V93 LHY V408 V483 FILPS	1100–0300
Providence (PVD)	(90–170) POLLA V312 PALEO V44 SIE V139 HTO HTO070 PVD195	1100–0300
	or	
	(90–170 advanced RNAV only) POLLA V312 PALEO V44 SIE V139 HTO JORDAN (RNAV)–STAR	1100–0300
Rochester (ROC)	KRANT V265 EMI V265 HAR V31 GIBBE	1100–0300
Rome (RME)	KRANT V265 EMI V457 LRP V499 CFB UCA	1100–0300
Syracuse (SYR)	KRANT V265 HAR V31 FQM V423 CFB V29	1100–0300
Teterboro (TEB)	(advanced navigation, turbojets only) SWANN JAIKE–STAR	1100–0400
	or	
	(turboprop) SWANN V445 DQO DQO029 V3 SBJ	1100–0400
White Plains (HPN)	(70) KRANT V265 EMI LRP ETX FJC BWZ SAX V39 BREZY	
	or	
	(90–170) PALEO V44 SIE V139 RICED RICED-STAR	1100–0300
	or	
	(70, less than 180 kts) POLLA V170 ODESA MXE ARD V214 METRO V249 SAX V39 BREZY	1100–0300
Wilkes Barre/Scranton (AVP)	KRANT V265 EMI V457 LRP V93 LVZ	1100–0300
Windsor Locks (BDL)	(210 kts or less) KRANT V265 EMI V457 V93 LHY V106 PWL V34 MOONI V58 JUDDS	1100–0300
	or	
	(90–170) POLLA V312 PALEO V44 SIE V139 HTO V308 ORW V130	
	or	
	(70) POLLA V312 GOLDA V268 ENO V16 JFK V229 BDR BDR014 JUDDS V419 BRISS BDL	1100–0300
WINDSOR LOCKS (BDL)		
Islip (ISP)	(110–170 incl) HFD V58 GON V308 BOROS CCC	1000–0300
NE Philadelphia (PNE)	(110–170, non–turbojet) HFD V58 THUMB HTO V139 BRIGS CEDAR LAKE–STAR	1100–0300
	or	
	(110–170, water) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD	1100–0300
	or	
	(90–170, non–turbojet) V292 SAGES V408 LHY LVZ V613 FJC V149 MAZIE ARD	1100–0300
	or	
	(90–170, jets) V292 SAGES V408 LHY LVZ V29 ETX V30 V149 MAZIE ARD	1100–0300
Newark (EWR)	(70–170 incl, 250 kts or less) SASHA V292 V489 COATE	1100–0300
	or	
	(110–170 incl, more than 250 kts) SASHA V292 V312 SAX	1100–0300
Philadelphia (PHL)	(110–170 incl, non–turbojet) HFD V58 THUMB HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	

Terminals	Route	Effective Times (UTC)
	(60–170 incl, props less than 210 kts) SASHA V292 SAGES V408 LHY LVZ V29 SLATT V6 FJC V149 MAZIE	1100–0300
	or	
	(60–170 incl, props 210 kts plus) SASHA V292 SAGES V408 LHY LVZ V29 SLATT V6 FJC V149 MAZIE	1100–0300
	or	
	(60–170 incl, turbojets) SASHA V292 SAGES V408 LHY LVZ V147 MAZIE	1100–0300
Trenton (TTN)	(110–170, water) BOS LUCOS SEY067 SEY HTO V139 MANTA V276 ARD	1100–0300
	or	
	(90–170, non–turbojet) V292 SAGES V408 LHY LVS V613 FJC V149 MAZIE ARD	1100–0300
	or	
	(90–170, jets) V292 SAGES V408 LHY LVS V29 ETX V30 V149 MAZIE ARD	1100–0300
Wilmington (ILG)	(110–170, non–turbojet) HFD V58 THUMB HTO V139 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170, non–turbojet) HFD V58 THUMB HTO V139 BRIGS CEDAR LAKE–STAR	1100–0300

SPECIAL LOW ALTITUDE DIRECTIONAL ROUTES

	Route	Effective Times (UTC)
Low Altitude IFR bi-directional routes for traffic overflying New York Metro Area:		
East of New York Metro Area—V139		1100–0300
West of New York Metro Area—V93		1100–0300
Low Altitude IFR bi-directional routes for traffic overflying Washington Metro Area:		
	HAR V377 MOL	1100–0300
	HAR V377 V38 GVE	1100–0300
	LRP V93 PXT	1100–0300
Low Altitude IFR single direction route:		
Southbound	MXE V474 V377 HGR	1100–0300
Low Altitude IFR traffic overflying Washington Metro Area from over ENO landing Charlottesville, VA or Shenandoah, VA:		
	ENO V213 GVE098 GVE thence direct CHO or SHD	1200–0200

HIGH ALTITUDE

Terminals	Route	Effective Times (UTC)
ALBANY (ALB)		
Chicago O'Hare (ORD)	SYR J63 EHMAN YXU J547 FNT PAITN–STAR	1100–0300
Cincinnati (CVG)	(RNAV only) SYR JOSSY MAULL KODIE CTW TIGRR (RNAV)–STAR	
	or	
	(all others) SYR J29 KELIE SLT016 SLT SLT249 KODIE CTW081 CTW CINCE–STAR	
Washington Dulles (IAD)	(Turbojets) J6 LRP DELRO–STAR	1100–0300
	or	
	(Turboprops) DNY LHY V106 SEG SEG–STAR	1100–0300
ALLENTOWN (ABE)		
Cincinnati (CVG)	(RNAV only) ETX SEG PSB MAULL KODIE CTW TIGRR (RNAV)–STAR	
	or	
	(all others) ETX SEG PSB PSB281 MAULL SLT249 KODIE CTW081 CTW CINCE–STAR	

Terminals	Route	Effective Times (UTC)
Detroit Metro–Wayne Co (DTW)	ETX J80 J518 DJB GEMNI–STAR	
ATLANTIC CITY (ACY)		
Detroit Metro–Wayne Co (DTW)	V229 LEEAH V268 ENO V29 DQO PENSY J110 LEJOY J518 DJB GEMNI–STAR	
BALTIMORE (BWI) —See Washington/Baltimore Metro		
BANGOR (BGR)		
Cincinnati (CVG)	(RNAV only) SYR JOSSY MAULL KODIE CTW TIGRR (RNAV)–STAR or (all others) SYR J29 KELIE SLT016 SLT SLT249 KODIE CTW081 CTW CINCE–STAR	
BINGHAMTON (BGM)		
Cincinnati (CVG)	(RNAV only) CFB FQM PSB MAULL KODIE CTW TIGRR (RNAV)–STAR or (all others) CFB FQM PSB PSB281 MAULL SLT249 KODIE CTW081 CTW CINCE–STAR	
BOSTON (BOS)		
Atlanta (ATL)	GLYDE BAF J77 PTW J48 ODF WHINZ–STAR or (RNAV only) GLYDE BAF J77 PTW J48 ODF FLCON (RNAV)–STAR	1100–0300 1100–0300
Baltimore (BWI)	NELIE CMK J75 MXE V378 BAL	1100–0300
Boca Raton (BCT)	(Turbojets–GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR or (Water–Turbojets–GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR or (Turbojets) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR or (Water–Turbojets) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Charlotte (CLT)	BOS NELIE CMK J75 GVE LYH SUDSY (RNAV)–STAR	1100–0300
Chicago O'Hare (ORD)	MHT CAM SYR J63 EHMAN YXU J547 FNT PAITN–STAR	1100–0300
Cincinnati (CVG)	(RNAV only) GLYDE CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)–STAR or (all others) GLYDE CTR HNK J49 PSB PSB281 MAULL SLT249 KODIE CTW081 CTW CINCE–STAR	
Cleveland (CLE)	MHT CAM J547 SYR J29 KELIE BDF CXF	1100–0300
Dallas/Ft. Worth (DFW)	GLYDE BAF J77 SAX J6 LIT BYP	1100–0300
Dayton (DAY)	GLYDE BAF J77 SAX J80 AIR APE DANEI–STAR	1100–0300
Denver (DEN)	MHT CAM SYR J547 BUF J94 ONL J114 SNY LANDR–STAR	1100–0300
Detroit Metro-Wayne Co. (DTW)	MHT CAM J547 BUF BUF267 YQO094 YQO SPICA–STAR	1100–0300
Detroit Satellites: Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	MHT CAM J547 BUF YQO or SYR J547 YXU GOHMA–STAR or SYR J547 YXU SWWAN–STAR	1100–0300 1100–0300 1100–0300

Terminals	Route	Effective Times (UTC)
Fort Lauderdale (FLL)	(Turbojets–GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Turbojets) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN GISSH–STAR	
	or	
	(Water–Turbojets) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH–STAR	
	or	
	(Water–Turboprops–GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Turboprops) LUCOS SEY067 SEY HTO J174 ORF J121 CHS J79 OMN MLB BLUFI–STAR	
	or	
	(Water–Turboprops) LUCOS SEY067 SEY HTO J174 ILM AR21 CRANS HIILL FATHR GISSH–STAR	
Fort Myers (RSW)	(WATER–Turbojets–GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW ILM AR15 HIBAC SHFTY (RNAV)–STAR	1100–0300
Greensboro (GSO)	NELIE CMK J75 GVE LYH V222 HENBY	0000–2359
Houston George Bush Intctl (IAH)	(Turbojets–GPS or DME/DME–IRU equipped) GLYDE BAF J77 PTW J48 MOL J22 VUZ AEX TXMEX (RNAV)–STAR	1100–0300
	or	
	(non–advanced NAV only) GLYDE BAF J77 PTW J48 MOL J22 VUZ AEX DAS–STAR	1100–0300
Houston Hobby (HOU)	(GPS or DME/DME–IRU equipped) GLYDE BAF J77 PTW J48 MOL J22 VUZ AEX ROKIT–STAR	1100–0300
	or	
	(non–advanced NAV only) GLYDE BAF J77 PTW J48 MOL J22 VUZ AEX DAS–STAR	1100–0300
Indianapolis (IND)	GLYDE BAF J77 SAX J80 EMPTY DQN CLANG-STAR	1100–0300
Islip (ISP)	LUCOS SEY067 SEY V268 HTO V46 CCC	1100–0300
Kennedy (JFK)	LUCOS SEY067 SEY PARCH CCC ROBER	1100–0300
Los Angeles (LAX)	MHT CAM SYR J547 BUF J16 BAE DBQ J94 ONL J114 DVV J60 HEC DOWNE-STAR	1100–0300
	or	
	MHT CAM SYR J547 BUF J94 ECK J38 GRB ODI FSD J114 DVV J60 HEC RIIVR-STAR	1100–0300
Memphis (MEM)	GLYDE BAF J77 SAX J6 BWG WLDER-STAR	1100–0300
Miami (MIA)	(Turbojets–GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Turbojets) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN ANNEY–STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(Water–Turbojets) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
	or	
	(Turboprops) LUCOS SEY067 SEY HTO J174 ORF J121 CHS J79 OMN ANNEY–STAR	
Milwaukee (MKE)	MHT CAM SYR J547 BUF J94 ECK MKG V2 SUDDS	1100–0300
Minneapolis/St Paul (MSP)	MHT CAM SYR J547 BUF YWT J63 TVC J522 GRB EAU-STAR	1100–0300
Nashville (BNA)	GLYDE BAF J77 SAX J6 YOCKY GUITR–STAR	1100–0300
Newark (EWR)	(More than 250 kts) GLYDE V292 V213 SAX	1100–0300
	or	
	(250 kts or less) GLYDE V292 V489 COATE	1100–0300
New Orleans (MSY)	GLYDE BAF J77 PTW J48 MOL J22 MEI J31	
Orlando Exec (ORL)	LUCOS SEY067 SEY HTO J174 ORF J121 CHS J79 OMN CORLL-STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando Intl (MCO)	(Water–Turbojets) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL	1100–0300
	or	
	LUCOS SEY067 SEY HTO J174 ORF J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 ORF J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
Philadelphia (PHL)	LUCOS SEY067 SEY HTO J121 BRIGS VCN–STAR	1100–0300
Pittsburgh (PIT)	GLYDE CTR HNK HNK271 J190 SLT GRACE–STAR	1100–0300
Raleigh–Durham (RDU)	LUCOS SEY067 SEY HTO J174 SWL ARGAL–STAR	1000–0300
Salt Lake City (SLC)	MHT CAM SYR J547 BUF J16 BAE DBQ J94 OCS LHO–STAR	
San Francisco (SFO)	MHT CAM J547 SYR J547 BUF J94 ECK J38 GRB J106 GEP J70 ABR J32 FMG ILA PYE PYE–STAR	1100–0300
St Louis (STL)	GLYDE BAF J77 SAX J80 AIR J110 VHP VLA-STAR	
Tampa (TPA)	NELIE CMK J75 TAY LZARD–STAR	
Washington Dulles (IAD)	GLYDE BAF J77 SAX J6 LRP V143 MULRR AML	1100–0300
Washington Natl (DCA)	LUCOS SEY067 SEY HTO J174 ATR085 ATR V308 BILIT	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 ATR085 ATR V308 LAFLN BILIT (RNAV)–STAR	1100–0300
West Palm Beach (PBI)	(Turbojets–GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR	1100–0300
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)–STAR	1100–0300
	or	
	(Turbojets) LUCOS SEY067 SEY HTO J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR	1100–0300
	or	

Terminals	Route	Effective Times (UTC)
	(Water–Turbojets) LUCOS SEY067 SEY HTO J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	1100–0300
BRIDGEPORT (BDR)		
Baltimore (BWI)	BEADS V139 SARDI RBV J230 J75 MXE V378 BAL	
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB	
Boca Raton (BCT)	(Turbojets–GPS or DME/DME IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR or (Water–Turbojets–GPS or DME/DME IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR or (Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Buffalo (BUF)	NEION J223 CORDS ULW ULW306 V164 or (Turboprops) GAYEL J95 CFB V270 ULW ULW306 V164	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN-STAR	1100–0300
Dallas/Fort Worth (DFW)	BEADS V139 SARDI RBV J230 J6 LIT BYP	
Detroit Metro Wayne Co (DTW)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA–STAR	1100–0300
Detroit Satellites:		
Coleman A Young (DET), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO	
Windsor (CYQG)	GAYEL J95 CFB CFB286 TRAAD J132 ULW306 KOOPR YQO	
Fort Lauderdale (FLL)	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN GISSH–STAR or (Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN MLB BLUFI–STAR or (Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)–STAR or (Water–Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)–STAR or (Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS HILL FATHR GISSH–STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Miami (MIA, TMB, HST)	(Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)–STAR or (Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN ANNEY–STAR or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN ANNEY–STAR or	

Terminals	Route	Effective Times (UTC)
	(Water–Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
Montreal (CYUL)	SOARS V419 JUDDS CAM J222 PLB V91 NAPEE	
Orlando Executive (ORL)	BEADS CCC148 J174 ORF J121 CHS J79 OMN CORLL-STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando Intl (MCO)	BEADS CCC148 J174 ORF J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	
	(Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Pittsburgh (PIT)	(Turbojets) COATE J36 J190 SLT GRACE–STAR	
	or	
	(Turboprops) GAYEL V374 V58 LHY J36 J217 ETG V226 CIP GRACE–STAR	
Raleigh/Durham (RDU)	BEADS CCC148 J174 SWL ARGAL-STAR	
Richmond (RIC)	BEADS CCC148 J174 SWL V139 CCV HPW	1100–0200
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
Tampa (TPA)	BEADS V139 SARDI RBV J230 J75 TAY LZARD–STAR	
	or	
	(GPS or DME/DME–IRU equipped) BEADS V139 SARDI RBV J230 J75 TAY DADES (RNAV)–STAR.	
Washington Dulles (IAD)	BEADS V139 SARDI RBV RBV289 V457 LRP V143 MULRR AML	
Washington Natl (DCA)	BEADS CCC148 J174 ATR085 ATR V308 BILIT	
	or	
	(GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ATR085 ATR V308 LAFLN BILIT (RNAV)–STAR	
West Palm Beach (PBI)	(Water–Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR	
	or	
	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR	
	or	
	(Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
BUFFALO (BUF)		
Cincinnati (CVG)	(RNAV only) BUF JHW MAULL KODIE CTW TIGRR (RNAV)–STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(all others) BUF JHW JHW194 MAULL SLT249 KODIE CTW081 CTW CINCE–STAR	
Detroit Satellites: Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG), Ann Arbor (ARB), Willow Run (YIP)	YXU PICES–STAR	
	or	
	YXU GOHMA–STAR	1100–0300
	or	
	YXU SWWAN–STAR	1100–0300
Kennedy (JFK)	V33 J70 LVZ LENDY-STAR	
La Guardia (LGA)	(Above 250 kts) V14 GEE RKA–STAR	1110–0300
	or	
	(250 kts or less) V14 BEEPS J522 EXTOL RKA292 RKA NOBBI-STAR	
Newark (EWR)	(Above 250 kts) V14 BEEPS J522 HNK SHAFF-STAR	
	or	
	(250 kts or less) V14 BEEPS J522 HNK V167 WEARD V489 COATE	
Philadelphia (PHL)	V33 BFD PSB HAR V210 BUNTS	
BURLINGTON (BTV)		
Chicago O'Hare (ORD)	ART YSO J546 ECK TVC PAITN-STAR	1100–0300
Cincinnati (CVG)	(RNAV only) SYR J29 JOSSY MAULL KODIE CTW TIGRR–STAR	
	or	
	(all others) SYR J29 KELIE SLT SLT249 KODIE CTW081 CTW CINCE–STAR	
La Guardia (LGA)	ALB PWL IGN V157	1100–0300
Newark (EWR)	ALB V213 SAX	1100–0300
Philadelphia (PHL)	(Turbojets only) ALB DNY SLATT–STAR	
Pittsburgh (PIT)	ALB J49 HNK HNK271 J190 SLT GRACE–STAR	1100–0300
Washington Dulles (IAD)	(Turbojets) ALB J6 LRP DELRO–STAR	1100–0300
	or	
	(Turboprops) ALB LHY V106 SEG SEG–STAR	1100–0300
CHARLESTON (CRW)		
Cleveland (CLE)	TVT KEATN–STAR	
Houston George Bush Intcntl (IAH)	(Turbojets–GPS or DME/DME–IRU equipped) LIT J180 SWB TXMEX (RNAV)–STAR	
	or	
	(non–advanced NAV only) LIT J180 SWB DAS–STAR	
Houston Hobby (HOU)	(GPS or DME/DME–IRU equipped) LIT J180 SWB ROKIT (RNAV)–STAR	
	or	
	(non–advanced NAV only) LIT J180 SWB DAS–STAR	
CHARLOTTESVILLE (CHO)		
Cincinnati (CVG)	HNN090/50 GAVNN	
	or	
	(RNAV only–at or below FL220) HNN GAVNN (RNAV)–STAR	
	or	
	(all others–at or above FL240) HNN090/50 HNN JAVIT–STAR	
	or	
	(all others–at or below FL220) HNN JAVIT–STAR	
HARRISBURG (MDT)		
Chicago (ORD)	HAR V33 MCMAN J64 MAINE ZANLA WATSN (RNAV)–STAR	
Cincinnati (CVG)	MRB J6 COLNS BRUSH–STAR	
	or	
	(RNAV only) MRB J6 COLNS GAVNN (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
ITHACA (ITH)		
Detroit Satellites: Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG), Ann Arbor (ARB), Willow Run (YIP)	YXU PICES–STAR or YXU GOHMA–STAR	1100–0300
	or YXU SWWAN–STAR	1100–0300
LONG ISLAND (Mac Arthur) (ISP)		
Baltimore (BWI)	BEADS EMJAY J174 ZIZZI ATROB5 ATR V308 BILIT	
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB	
Boca Raton (BCT)	(Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR or (Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL or (Water–Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR	
Boston (BOS)	MERIT ORW ORW–STAR	
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306 V164 or (Turboprops) GAYEL J95 CFB V270 ULW ULW306 V164	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN–STAR	1100–0300
Cincinnati (CVG)	(RNAV only) BEADS V139 SARDI RBV J230 SAAME J6 COLNS GAVNN (RNAV)–STAR or (all others) BEADS V139 SARDI RBV J230 SAAME J6 COLNS BRUSH–STAR	
Dallas/Ft Worth (DFW)	BEADS V139 SARDI RBV J230 J6 LIT BYP	
Detroit Metro Wayne Co (DTW)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA–STAR	
Detroit Satellites: Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO	
Fort Lauderdale (FLL)	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN GISSH–STAR or (Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN MLB BLUFI–STAR or (Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)–STAR or (Water–Turboprops) BEADS CCC148 J174 ILM AR21 CRANS HIILL FATHR GISSH–STAR or (Water–Turboprops–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ILM AR21 CRANS FISEL (RNAV)–STAR or	

Terminals	Route	Effective Times (UTC)
	(Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)–STAR	
Fort Myers (RSW)	(WATER–Turbojets) BEADS CCC J174 SWL CEBEE WETRO ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Miami Metro Area:		
Miami (MIA, TMB, HST)	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF ISO CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN ANNEY–STAR	
Montreal (CYUL)	GREKI V419 JUDDS CAM J222 PLB PLB-STAR	
Orlando Executive (ORL)	BEADS CCC148 J174 ORF J121 CHS J79 OMN CORLL-STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando Intl (MCO)	(Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL	
	or	
	BEADS CCC148 J174 ORF J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Pittsburgh (PIT)	(Turbojets) COATE J36 J190 SLT GRACE–STAR	
	or	
	(Turboprops) GAYEL V374 V58 LHY J36 J217 ETG V226 CIP GRACE–STAR	
Raleigh/Durham (RDU)	BEADS CCC148 J174 SWL ARGAL-STAR	
Richmond (RIC)	BEADS CCC148 J174 SWL V139 CCV HPW	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
Tampa TPA	BEADS V139 SARDI RBV J230 J75 TAY LZARD–STAR	
Washington Dulles (IAD)	BEADS V139 SARDI RBV RBV289 V457 LRP V143 MULRR AML	
Washington Natl (DCA)	BEADS CCC148 J174 ATR085 ATR V308 BILIT	
	or	
	(GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ATR085 ATR V308 LAFLN BILIT (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
West Palm Beach (PBI)	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR	
	or	
	(Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)–STAR	
MANCHESTER (MHT)		
Atlanta (ATL)	(Advanced RNAV only) BAF J77 SAX J77 PTW J48 ODF	1100–0300
	or	
	(Advanced RNAV only) COTEE (RNAV)–DP BAF J77 SAX J77 PTW J48 ODF FLCON (RNAV)–STAR	1100–0300
	or	
	(All others) PSM PSM216/37 COTEE BAF J77 SAX J77 PTW J48 ODF WHINZ–STAR	1100–0300
Baltimore (BWI)	(Advanced RNAV only) COTEE (RNAV)–DP BDL CMK J75 MXE V378 BAL	1100–0300
	or	
	(All others) PSM PSM216/37 COTEE BDL CMK J75 MXE V378 BAL	1100–0300
Chicago O'Hare (ORD)	CAM SYR J63 EHMAN YXU J547 FNT PAITN–STAR	
Cincinnati (CVG)	(RNAV only) CAM J547 SYR JOSSY MAULL KODIE CTW TIGRR–STAR	
	or	
	(all others) CAM J547 SYR J29 KELIE SLT016 SLT SLT249 KODIE CTW081 CTW CINCE–STAR	
Detroit Satellites: Coleman A Young (DET), Pontiac (PTK), Ann Arbor (ARB), Windsor (CYQG), Willow Run (YIP)	SYR J547 YXU PICES–STAR	
	or	
	SYR J547 YXU GOHMA–STAR	1100–0300
	or	
	SYR J547 YXU SWWAN–STAR	1100–0300
Orlando (MCO)	(Advanced RNAV only) COTEE (RNAV)–DP BDL CMK J75 CAE J75 DUNKN AMG LEESE–STAR	1100–0300
	or	
	(All others) PSM PSM216/37 COTEE BDL CMK J75 CAE J75 DUNKN AMG LEESE–STAR	1100–0300
Tampa (TPA)	(Advanced RNAV only) COTEE (RNAV)–DP BDL CMK J75 TAY DADES (RNAV)–STAR	1100–0300
	or	
	(All others) PSM PSM216/37 COTEE BDL CMK J75 TAY DADES (RNAV)–STAR	1100–0300
Wash Dulles (IAD)	(Advanced RNAV only) COTEE (RNAV)–DP BAF J77 SAX J6 LRP DELRO–STAR	1100–0300
	or	
	(All others) PSM PSM216/37 COTEE BAF J77 SAX J6 LRP DELRO–STAR	1100–0300
Wash Natl (DCA)	(Advanced RNAV only) COTEE (RNAV)–DP BDL CMK J75 MXE V378 BAL	1100–0300
	or	
	(All others) PSM PSM216/37 COTEE BDL CMK J75 MXE V378 BAL	1100–0300
MONTREAL (CYUL)		
Cincinnati (CVG)	(RNAV only) YOW J546 YSO MAULL KODIE CTW TIGRR (RNAV)–STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(all others) YOW J546 YSO YYZ JHW JHW194 MAULL SLT249 KODIE CTW081 CTW CINCE–STAR	
Detroit Metro–Wayne Co (DTW)	YOW J546	
Kennedy (JFK)	V282 J524 BUGSY J570 ALB IGN IGN-STAR	
La Guardia (LGA)	V282 J524 BUGSY J570 ALB PWL IGN V157	
MORRISTOWN (MMU)		
Marco Isle (MKY)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Naples (APF)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)–STAR	
NEWBURGH (SWF)		
Cincinnati (CVG)	(RNAV only) WEARD LHY J36 DGRAF J49 PSB MAULL KODIE CTW TIGRR (RNAV)–STAR or (RNAV only) WEARD LHY J36 DGRAF J49 PSB MMJ CTW TIGRR (RNAV)–STAR or (all others) WEARD LHY J36 DGRAF J49 PSB PSB281 MAULL SLT249 KODIE CTW081 CTW CINCE–STAR	
NEW HAVEN (HVN)		
Baltimore (BWI)	BEADS V139 SARDI RBV J230 J75 MXE V378 BAL	
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB	
Boca Raton (BCT)	(Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR or (Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL or (Water–Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR	
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306 V164 or (Turboprops) GAYEL J95 CFB V270 ULW ULW306 V164	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN–STAR	1100–0300
Dallas/Ft Worth (DFW)	BEADS V139 SARDI RBV J230 J6 LIT BYP	
Detroit Metro Wayne Co (DTW)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA–STAR	1100–0300
Detroit Satellites: Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO	1100–0300
Fort Lauderdale (FLL)	(Water–Turboprops) BEADS CCC148 J174 ILM AR21 CRANS HIILL FATHR GISSH–STAR or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN GISSH–STAR or (Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN MLB BLUFI–STAR or	

Terminals	Route	Effective Times (UTC)
	(Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Water–Turboprops–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)–STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Miami (MIA)	(Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Turboprops) BEADS CCC148 J174 ORF J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)–STAR	
Montreal (CYUL)	SOARS V419 JUDDS CAM J222 PLB PLB-STAR	
Orlando Executive (ORL)	(Turbojets) BEADS CCC148 J174 ORF J121 CHS J79 OMN CORLL–STAR	1100–0300
	or	
	(Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL	
	or	
	(GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando Intl (MCO)	(Turbojets) BEADS CCC148 J174 ORF J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Pittsburgh (PIT)	(Turbojets) COATE J36 J190 SLT GRACE–STAR	
	or	
	(Turboprops) GAYEL V374 V58 LHY J36 J217 ETG V226 CIP GRACE–STAR	
Raleigh/Durham (RDU)	BEADS CCC148 J174 SWL ARGAL-STAR	
Richmond (RIC)	BEADS CCC148 J174 SWL V139 CCV HPW	
Rochester (ROC)	GAYEL J95 CFB V252 GIBBE	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
Tampa (TPA)	BEADS V139 SARDI RBV J230 J75 TAY LZARD–STAR	
	or	
	(GPS or DME/DME–IRU equipped) BEADS V139 SARDI RBV J230 J75 TAY DADES (RNAV)–STAR.	

Terminals	Route	Effective Times (UTC)
Washington Dulles (IAD)	BEADS V139 SARDI RBV RBV289 V457 LRP V143 MULRR AML	
Washington Natl (DCA)	BEADS CCC148 J174 ATR085 ATR V308 BILIT or (GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ATR085 ATR V308 LAFLN BILIT (RNAV)–STAR	
West Palm Beach (PBI)	(Water–Turbojets) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI or (Water–Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)–STAR or (Turbojets–GPS or DME/DME–IRU equipped) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR or (Turbojets) BEADS CCC148 J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR	
NEW YORK METRO AREA		
From KENNEDY (JFK) only		
Atlanta (ATL)	RBV J230 J48 ODF WHINZ-STAR or (RNAV only) RBV J230 J48 ODF FLCON RNAV–STAR or RBV J230 J48 ODF WHINZ–STAR	
Augusta (AGS)	RBV J230 J75 GVE J37 SPA	1100–0300
Baltimore (BWI)	RBV RBV274 MXE056 MXE V378 BAL	
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB	
Boca Raton (BCT)	(Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR or (Turbojets) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR or (Water–Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL or (Water–Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR	
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306 V164 or (Turboprops) GAYEL J95 CFB V270 ULW ULW306 V164	
Burlington (BTV)	GREKI V419 JUDDS CAM	
Charleston (CHS)	WAVEY EMJAY J174 SWL J121	
Charlotte (CLT)	RBV J230 J75 GVE LYH MAJIC-STAR	
Charlottesville (CHO)	RBV J230 J75 GVE	
Chicago Midway (MDW)	RBV J64 FWA GSH-STAR	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN–STAR	0000–2359
Cincinnati (CVG)	(RNAV only) RBV J230 SAAME J6 COLNS GAVNN (RNAV)–STAR or (all others) RBV J230 SAAME J6 COLNS BRUSH–STAR	
Cleveland (CLE)	RBV J64 PSB115 PSB PSB292 YNG CXR	
Columbia (CAE)	RBV J230 J75	
Columbus (CMH)	RBV J230 AIR AIR260 BREMN	

Terminals	Route	Effective Times (UTC)
Dallas/Ft. Worth (DFW)	RBV J230 J6 LIT BYP	
Dayton (DAY)	RBV J230 AIR APE DANEI–STAR	
Denver (DEN)	RBV J230 AIR APE J178 FWA J0T J60 IOW J10 LBF SAYGE–STAR	
Detroit Metro-Wayne Co (DTW)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA–STAR	
Detroit Satellites: (DET), Windsor	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO	
(CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQG	
Fayetteville (FAY)	RBV J230 J75 GVE SBV RDU	
Ft Lauderdale (FLL, FXE, OPF)	(Water–Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH–STAR or (Water–Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)–STAR or (Turbojets) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN GISSH–STAR or (Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)–STAR or (Turboprops) WAVEY EMJAY J174 ORF J121 CHS J79 OMN MLB BLUFI–STAR or (Water–Turboprops) WAVEY EMJAY J174 ILM AR21 CRANS HIILL FATHR GISSH–STAR or (Water–Turboprops–GPS OR DME/DME–IRU equipped) WAVEY EMJAY J174 ILM AR21 CRANS FISEL (RNAV)–STAR	
Fort Myers (FMY, RSW)	(GPS or DME/DME–IRU equipped) RBV J230 J75 GSO J75 DUNKN SHFTY (RNAV)–STAR or (WATER–Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Greensboro (GSO)	RBV J230 J75 GVE LYH V222 HENBY	0000–2359
Houston George Bush Intcntl (IAH)	(non–advanced NAV only) RBV J230 J48 MOL J22 VUZ AEX DAS-STAR or (Turbojets–GPS or DME/DME–IRU equipped) RBV J230 J48 MOL J22 VUZ AEX TXMEX (RNAV)–STAR	
Houston Hobby (HOU)	(non–advanced NAV only) RBV J230 J48 MOL J22 VUZ AEX DAS–STAR or (GPS or DME/DME–IRU equipped) RBV J230 J48 MOL J22 VUZ AEX ROKIT–STAR	
Indianapolis (IND)	RBV J230 AIR J80 EMPTY DQN CLANG-STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Jacksonville (JAX)	WAVEY EMJAY J174 CHS BRUNSWICK–STAR	
Kansas City (MKC)	RBV J230 AIR J80 SPI BRAYMER–STAR	
Knoxville (TYS)	RBV J230 J48 MOL J22	
Los Angeles (LAX)	RBV J230 AIR J80 MCI J24 SLN J102 ALS J44 RSK	
Louisville (SDF)	RBV J230 J6 HVQ J6 YOCKY DARBY–STAR	
Marco Island (MKY)	(GPS or DME/DME–IRU equipped) RBV J230 J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	
Memphis (MEM)	RBV J230 J6 BWG WLDER-STAR	

Terminals	Route	Effective Times (UTC)
Miami (MIA, TMB, HST)	(Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Water–Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
	or	
	(Turbojets) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Turboprops) WAVEY EMJAY J174 ORF J121 CHS J79 ANNEY–STAR	
Milwaukee (MKE)	COATE J36 FNT MKG V2 SUDDS	
Minneapolis (MSP)	GAYEL J95 BUF YWT J63 TVC J522 GRB EAU-STAR	
Montreal (CYUL)	GREKI V419 JUDDS CAM J222 PLB PLB-STAR	
Naples (APF)	(Turbojets–GPS or DME/DME–IRU equipped) RBV J230 J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	
Nashville (BNA)	RBV J230 J6 YOCKY GUITR- STAR	
New Orleans (MSY)	RBV J230 J48 MOL J22 MEI J31	
Norfolk (ORF)	WAVEY EMJAY J174 SWL V139 CCV	
Orlando Executive (ORL)	(Turbojets) WAVEY EMJAY J174 ORF J121 CHS J79 OMN CORLL–STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando Intl (MCO)	(Turbojets) WAVEY EMJAY J174 ORF J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	
	(Water–Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL	
	or	
	(GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 ORF J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Phoenix (PHX)	RBV J230 AIR J110 STL J19 ZUN FOSSL-STAR	
Pittsburgh (PIT)	(Turbojets) COATE J36 J190 SLT GRACE–STAR	
	or	
	(Turboprops) GAYEL V374 V58 LHY J36 J217 ETG V226 CIP GRACE–STAR	
Raleigh/Durham (RDU)	WAVEY EMJAY J174 SWL ARGAL-STAR	
Richmond (RIC)	WAVEY EMJAY J174 SWL V139 CCV HPW	
Roanoke (ROA)	RBV J230 J48 MOL	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE	
Salt Lake City (SLC)	GAYEL J95 BUF J16 BAE DBQ J94 OCS OGD	
San Francisco (SFO)	GAYEL J95 BUF J16 ECK J38 GRB J106 GEP J70 ABR J32 FMG GOLDEN GATE–STAR	
Sarasota/Bradenton (SRQ)	RBV J230 J75 TAY J85 GNV LAL	
Savannah (SAV)	WAVEY EMJAY J174 ORF J121 CHS	
St. Louis (STL)	RBV J230 AIR J110 VHP VLA-STAR	
St. Petersburg (PIE)	RBV J230 J75 TAY LZARD–STAR	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
Tampa (TPA)	RBV J230 J75 TAY LZARD–STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(GPS or DME/DME–IRU equipped) RBV J230 J75 TAY DADES (RNAV)–STAR	
Toronto (CYYZ)	GAYEL J95 BUF V36	
Washington Dulles (IAD)	RBV RBV289 V457 LRP V143 MULRR AML	
Washington Natl (DCA)	(Turbojets only FL 180–FL 220) WAVEY EMJAY J174 ZIZZI ATR085 ATR V308 BILIT DCA	
	or	
	(Turbojets only/FL180–FL220/GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 ZIZZI ATR085 ATR V308 LAFLN BILIT (RNAV)–STAR	
West Palm Beach (PBI)	(Water–Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)–STAR	
	or	
	(Turbojets) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR	
	or	
	(Water–Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
From **LA GUARDIA (LGA)** only		
Akron/Canton (CAK)	ELIOT J60 PSB PSB292060 YNG V72 ACO	
Allegheny County (AGC)	ELIOT J80 VINSE NESTO–STAR	
Atlanta (ATL)	LANNA J48 ODF WHINZ–STAR	
	or	
	(RNAV only) LANNA J48 ODF FLCON (RNAV)–STAR	
Augusta (AGS)	BIGGY J75 GVE J37 SPA	
Baltimore (BWI)	BIGGY J75 MXE V378 BAL	
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB	
Birmingham (BHM)	LANNA J48 MOL J22 VXV VUZ	
Boca Raton (BCT)	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR	
	or	
	(Water–Turbojets) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR	
Boston (BOS)	MERIT ORW ORW–STAR	
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306 V164	
	or	
	(Turboprops) COATE J36 ULW141 ULW ULW306 V164	
Burlington (BTV)	GREKI V419 JUDDS CAM	
Charleston (CHS)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS	
Charleston (CRW)	PARKE J6 HVQ	
Charlotte (CLT)	BIGGY J75 GVE LYH MAJIC-STAR	
Charlottesville (CHO)	BIGGY J75 GVE	
Chattanooga (CHA)	LANNA J48 MOL J22 VXV	
Chicago Midway (MDW)	ELIOT J60 GSH GSH-STAR	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN–STAR	0000–2359
Cincinnati (CVG)	(RNAV only) PARKE J6 COLNS GAVNN (RNAV)–STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(all others) PARKE J6 COLNS BRUSH–STAR	
Cleveland (CLE)	ELIOT J60 PSB PSB292 YNG CXR	
Columbus (CMH)	ELIOT J80 AIR AIR260 BREMN	
Dallas/Fort Worth (DFW)	PARKE J6 LIT BYP	
Dayton (DAY)	ELIOT J80 AIR APE DANEI–STAR	
Daytona Beach (DAB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN	
Dekalb/Peachtree (PDK)	LANNA J48 ODF AWSON-STAR	
Denver (DEN)	ELIOT J60 IOW J10 LBF SAYGE–STAR	
Detroit Metro Wayne Co (DTW)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA–STAR	
Detroit Satellites: Ann Arbor (ARB), Coleman A Young (DET), Pontiac (PTK), Willow Run (YIP), Windsor (CYQG)	GAYEL J95 BUF J547 YXU PICES–STAR or	
	GAYEL J95 BUF J547 YXU GOHMA–STAR or	1100–0300
	GAYEL J95 BUF J547 YXU SWWAN–STAR	1100–0300
Windsor (CYQG)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQG	
Fayetteville (FAY)	BIGGY J75 GVE SBV RDU	
Fort Lauderdale (FLL, FXE, OPF)	(Water–Turbojets) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH–STAR or (Water–Turbojets GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN GISSH–STAR or (Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS OMN FISEL (RNAV)–STAR or (Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 VRB BLUFI–STAR or (Water–Turboprops) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH–STAR or (Water–Turboprops GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
Fort Myers (FMY, RSW)	(GPS or DME/DME–IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)–STAR or (WATER–Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Fort Wayne (FWA)	ELIOT J80 SUZIE J64	
Greensboro (GSO)	BIGGY J75 GVE LYH V222 HENBY	0000–2359
Greer (GSP)	BIGGY J75 GVE J37 SPA	
Hot Springs (HSP)	LANNA J48 EMI CSN V140 MOL	
Houston George Bush Intcntl (IAH)	(non–advanced NAV only) LANNA J48 MOL J22 VUZ AEX DAS–STAR or (Turbojets–GPS or DME/DME–IRU equipped) LANNA J48 MOL J22 VUZ AEX TXMEX (RNAV)–STAR	
Houston Hobby (HOU)	(GPS or DME/DME–IRU equipped) LANNA J48 MOL J22 VUZ AEX ROKIT (RNAV)–STAR or (non–advanced NAV only) LANNA J48 MOL J22 VUZ AEX DAS–STAR	

Terminals	Route	Effective Times (UTC)
Indianapolis (IND)	ELIOT J80 EMPTY DQN CLANG-STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Jacksonville (JAX)	(Turbojets) WHITE J209 SBY J79 CHS SSI–STAR	
Kansas City (MKC)	ELIOT J80 SPI BQS-STAR	
Knoxville (TYS)	LANNA J48 MOL J22	
Lewisburg (LWB)	LANNA J48 EMI CSN V140 MOL	
Lexington (LEX)	PARKE J6 HVQ	
Louisville (SDF)	PARKE J6 HVQ J6 YOCKY DARBY–STAR	
Marco Island (MKY)	(GPS or DME/DME–IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	
Melbourne (MLB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	
Memphis (MEM)	PARKE J6 BWG WLDER-STAR	
Miami (MIA, TMB, HST)	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Turbojets–GPS or DME–DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY–STAR	
Milwaukee (MKE)	COATE J36 FNT MKG V2 SUDDS	
Minneapolis (MSP)	GAYEL J95 BUF YWT J63 TVC J522 GRB EAU-STAR	
Mobile (MOB)	BIGGY J75 GVE J37 MGM MVC V20 AXSIS	
Montgomery (MGM)	BIGGY J75 GVE J37	
Montreal (CYUL)	GREKI V419 JUDDS CAM J222 PLB PLB-STAR	
Naples (APF)	(Turbojets–GPS or DME/DME–IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	
Nashville (BNA)	PARKE J6 YOCKY GUITR- STAR	
New Orleans (MSY, NEW)	LANNA J48 MOL J22 MEI J31	
Norfolk (ORF)	WHITE J209 SBY V1 CCV	
Omaha (OMA)	ELIOT J60 IOW DSM	
Orlando Executive (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL-STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando Intl (MCO)	(Water–Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Phoenix (PHX)	ELIOT J80 AIR J110 STL J19 ZUN FOSSL-STAR	
Pittsburgh (PIT)	ELIOT J80 VINSE NESTO–STAR	
Portland (PWM)	GREKI V419 JUDDS CAM CON CON067 PARSO	

Terminals	Route	Effective Times (UTC)
Raleigh/Durham (RDU)	WHITE J209 CYN J37 J191 PXT PXT238 HPW025 HPW ARGAL-STAR	
Richmond (RIC)	WHITE J209 SBY V1 CCV HPW	
Roanoke (ROA)	LANNA J48 MOL	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE or (Turboprops) COATE J36 CFB154 CFB V252 GIBBE	
Salt Lake City (SLC)	GAYEL J95 BUF J16 ECK J38 GRB ODI FSD J82 RAP J158 DDY J107 OCS OGD	
Sarasota/Bradenton (SRQ)	BIGGY J75 TAY J85 GNV LAL	
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS	
St. Louis (STL)	ELIOT J80 AIR J110 VHP VLA-STAR	
St. Petersburg (PIE)	BIGGY J75 TAY LZARD–STAR	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29 or (Turboprops) COATE J36 CFB154 CFB	
Tampa (TPA)	BIGGY J75 TAY LZARD–STAR	
Toledo (TOL)	ELIOT J60 DJB VWV	
Toronto (CYYZ)	(Turbojets) GAYEL J95 BUF V36 or (Turboprops) COATE J36 ULW141 ULW V36	
Tri-City (TRI)	LANNA J48 MOL J22 PSK V16 HMV	
Washington Dulles (IAD)	PARKE J6 LRP V143 MULRR AML	
Washington Natl (DCA)	BIGGY J75 MXE V378 BAL or (GPS or DME/DME–IRU equipped) BIGGY J75 MXE CLIPR (RNAV)–STAR	
West Palm Beach (PBI)	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)–STAR or (Water–Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR or (Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR	
Winston-Salem (INT)	BIGGY J75 GSO	
Youngstown (YNG)	ELIOT J60 PSB PSB292060	
From **NEWARK (EWR)** only		
Akron (CAK)	ELIOT J60 PSB PSB292 YNG V72 ACO	
Akron (AKR)	ELIOT J60 PSB PSB292060 YNG V72 ACO	
Allegheny County (AGC)	ELIOT J80 VINSE NESTO–STAR	
Atlanta (ATL)	LANNA J48 ODF WHINZ–STAR or (RNAV only) LANNA J48 ODF FALCON (RNAV)–STAR	
Augusta (AGS)	BIGGY J75 GVE J37 SPA	1100–0300
Baltimore (BWI)	BIGGY J75 MXE V378 BAL	
Binghamton (BGM)	NEION J223 CORDS CFB	
Birmingham (BHM)	LANNA J48 MOL J22 VXV VUZ	
Boca Raton (BCT)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR or (Water–Turbojets GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID CAYSL (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306 V164	
	or	
	(Turboprops) COATE J36 ULW141 ULW ULW306 V164	
Charleston (CHS)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS	
Charleston (CRW)	PARKE J6 HVQ	
Charlotte (CLT)	BIGGY J75 GVE LYH MAJIC-STAR	1100– 0300
Charlottesville (CHO)	BIGGY J75 GVE	
Chattanooga (CHA)	LANNA J48 MOL J22 VXV	
Chicago Midway (MDW)	ELIOT J60 GSH GSH-STAR	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN–STAR	0000–2359
Cincinnati (CVG)	PARKE J6 COLNS HNN JAVIT–STAR	
	or	
	COLNS JAVIT–STAR	
	or	
	(RNAV only) PARKE J6 COLNS GAVNN (RNAV)–STAR	
	or	
	(all others) PARKE J6 COLNS BRUSH–STAR	
Cleveland (CLE)	ELIOT J60 PSB PSB292 YNG CXR	
Columbus (CMH)	ELIOT J80 AIR AIR260 BREMN	
Dallas/Fort Worth (DFW)	PARKE J6 LIT BYP	
Dayton (DAY)	ELIOT J80 AIR APE DANEI–STAR	
Daytona Beach (DAB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN	
Dekalb (Peachtree) (PDK)	LANNA J48 ODF AWSON-STAR	
Denver (DEN)	ELIOT J60 IOW J10 LBF SAYGE–STAR	
Detroit Metro Wayne Co (DTW)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA–STAR	
Detroit Satellites:		
Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO	
Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPER YQG	
Fayetteville (FAY)	BIGGY J75 GVE SBV RDU	
Fort Lauderdale (FLL)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FISEL (RNAV)–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH–STAR	
	or	
	(Water–Turboprops) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH–STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN GISSH–STAR	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN MLB BLUFI–STAR	
	or	
	(Water–Turboprops–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
Fort Myers (FMY, RSW)	(GPS or DME/DME–IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	
Fort Wayne (FWA)	ELIOT J80 SUZIE J64	
Greensboro (GSO)	BIGGY J75 GVE LYH V222 HENBY	0000–2359
Greer (GSP)	BIGGY J75 GVE J37 SPA	
Hot Springs (HSP)	LANNA J48 EMI CSN V140 MOL	
Houston George Bush Intcntl (IAH)	(non–advanced NAV only) LANNA J48 MOL J22 MEI AEX DAS-STAR or (Turbojets–GPS or DME/DME–IRU equipped) LANNA J48 MOL J22 MEI AEX TXMEX (RNAV)–STAR	
Houston Hobby (HOU)	(GPS or DME/DME–IRU equipped) LANNA J48 MOL J22 MEI AEX ROKIT (RNAV)–STAR or (non–advanced NAV only) LANNA J48 MOL J22 MEI AEX DAS–STAR	
Indianapolis (IND)	ELIOT J80 EMPTY DQN CLANG-STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Kansas City (MKC)	ELIOT J80 SPI BQS-STAR	
Knoxville (TYS)	LANNA J48 MOL J22	
Lewisburg (LWB)	LANNA J48 EMI CSN V140 MOL	
Lexington (LEX)	PARKE J6 HVQ	
Los Angeles (LAX)	ELIOT J80 MCI J24 SLN J102 ALS J44 RSK J64 PGS RIIVR-STAR	
Louisville (LOU, SDF)	PARKE J6 HVQ J6 YOCKY DARBY–STAR	
Marco Island (MKY)	(GPS or DME/DME–IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	
Melbourne (MLB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	
Memphis (MEM)	PARKE LRP J6 BWG WLDER-STAR	
Miami (MIA)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)–STAR or (Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR22 JORAY HILEY (RNAV)–STAR or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY–STAR or (Water–Turbojets) WHITE J209 SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS or (Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY–STAR	
Milwaukee (MKE)	COATE J36 FNT MKG V2 SUDDS	
Minneapolis (MSP)	GAYEL J95 BUF YWT J63 TVC J522 GRB EAU–STAR	
Mobile (MOB)	BIGGY J75 GVE J37 MGM MVC V20 AXSIS	
Montgomery (MGM)	BIGGY J75 GVE J37	
Montreal (CYUL)	GREKI V419 JUDDS CAM J222 PLB PLB-STAR	
Naples (APF)	(Turbojets–GPS or DME/DME–IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	
Nashville (BNA)	PARKE J6 YOCKY GUITR– STAR	
New Orleans (MSY)	LANNA J48 MOL J22 MEI J31	
Norfolk (ORF)	WHITE J209 SBY V1 CCV	
Orlando Executive (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL–STAR or (GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0300 1100–0400

Terminals	Route	Effective Times (UTC)
Orlando Intl (MCO)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Phoenix (PHX)	ELIOT J80 AIR J110 STL J19 ZUN FOSSL-STAR	
Pittsburgh (PIT)	ELIOT J80 VINSE NESTO–STAR	
Portland (PWM)	GREKI V419 JUDDS CAM CON CON067 PARSO	
Raleigh-Durham (RDU)	WHITE J209 CYN J37 J191 PXT PXT238 HPW025 HPW ARGAL-STAR	
Richmond (RIC)	WHITE J209 SBY V1 CCV HPW	
Roanoke (ROA)	LANNA J48 MOL	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE	
	or	
	(Turboprops) COATE J36 CFB154 CFB V252 GIBBE	
Salt Lake City (SLC)	GAYEL J95 BUF J16 ECK J38 GRB ODI FSD J82 RAP J158 DDY J107 OCS OGD	
San Francisco (SFO)	GAYEL J95 BUF J16 ECK J38 GRB J106 GEP J70 ABR J32 FMA ILA PYE GOLDEN GATE–STAR	
Sarasota/Bradenton (SRQ)	BIGGY J75 TAY J85 GNV LAL	
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS	
St. Louis (STL)	ELIOT J80 AIR J110 VHP VLA-STAR	
St. Petersburg (PIE)	BIGGY J75 TAY LZARD–STAR	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
	or	
	COATE J36 CFB154 CFB	
Tampa (TPA)	BIGGY J75 TAY LZARD–STAR	
	or	
	(GPS or DME/DME–IRU equipped) BIGGY J75 TAY DADES (RNAV)–STAR	
Toledo (TOL)	ELIOT J60 DJB VWV	
Toronto (CYYZ)	(Turbojets) GAYEL J95 BUF V36	
	or	
	(Turboprops) COATE J36 ULW141 ULW V36	
Tri-City (TRI)	LANNA J48 MOL J22 PSK V16 HMV	
Washington Dulles (IAD)	PARKE J6 LRP V143 MULRR AML	
Washington Natl (DCA)	BIGGY J75 MXE V378 BAL	
	or	
	(GPS or DME/DME–IRU equipped) BIGGY J75 MXE CLIPR (RNAV)–STAR	
West Palm Beach (PBI)	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)–STAR	
	or	
	(Turbojets–GSP or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID NEUBE SWOMP SANZZ CASKI	
Winston Salem (INT)	BIGGY J75 GSO	
Youngstown (YNG)	ELIOT J60 PSB PSB292	
From NEWARK SATELLITES only		
Akron (CAK)	ELIOT J60 PSB PSB292 YNG V72 ACO	

Terminals	Route	Effective Times (UTC)
Akron (AKR)	ELIOT J60 PSB PSB292060 YNG V72 ACO	
Allegheny County (AGC)	ELIOT J80 VINSE NESTO–STAR	
Augusta (AGS)	LANNA J48 ETX215 J75 GVE J37 SPA	1100–0300
Baltimore (BWI)	BIGGY J75 MXE V378 BAL	
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB	
Birmingham (BHM)	LANNA J48 MOL J22 VXV VUZ	
Boca Raton (BCT)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR or (Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID CAYSL (RNAV)–STAR or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR or (Water–Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306 V164 or (Turboprops) COATE J36 ULW141 ULW ULW306 V164	
Charleston (CHS)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS	
Charleston (CRW)	PARKE J6 HVQ	
Charlotte (CLT)	LANNA J48 ETX215 J75 GVE LYH MAJIC-STAR	1100–0300
Charlottesville (CHO)	LANNA J48 ETX215 J75 GVE	
Chattanooga (CHA)	LANNA J48 MOL J22 VXV	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN–STAR	0000–2359
Cincinnati (CVG)	(RNAV only) PARKE J6 COLNS GAVNN (RNAV)–STAR or (all others) PARKE J6 COLNS BRUSH–STAR	
Columbus (CMH)	ELIOT J80 AIR AIR260 BREMN	
Dallas/Fort Worth (DFW)	PARKE J6 LIT BYP	
Daytona Beach (DAB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN	
Dekalb (Peachtree) (PDK)	LANNA J48 ODF AWSON-STAR	
Detroit Metro Wayne Co (DTW)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA–STAR	
Detroit Satellites: Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO	
Fayetteville (FAY)	LANNA J48 ETX215 J75 GVE SBV RDU	
Fort Lauderdale (FLL)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FISEL (RNAV)–STAR or (Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN GISSH–STAR or (Water–Turbojets) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH–STAR or (Water–Turboprops–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN MLB BLUFI–STAR	
	or	
	(Water–Turboprops) WHITE J209 SBY KEMPR ILM AR21 CRANS HIILL FATHR (GISSH)–STAR	
Fort Myers (FMY, RSW)	(GPS or DME/DME–IRU equipped) LANNA J48 J53 SPA J85 AMG SHFTY (RNAV)–STAR	
	or	
	(WATER–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR WETRO ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Fort Wayne (FWA)	ELIOT J80 SUZIE J64	
Greensboro (GSO)	LANNA J48 ETX215 J75 GVE LYH V222 HENBY	0000–2359
Greer (GSP)	LANNA J48 ETX215 J75 GVE J37 SPA	
Hot Springs (HSP)	LANNA J48 EMI CSN V140 MOL	
Houston George Bush Intcntl (IAH)	(non–advanced NAV only) LANNA J48 MOL J22 VUZ AEX DAS–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) LANNA J48 MOL J22 VUZ AEX TXMEX (RNAV)–STAR	
Houston Hobby (HOU)	(GPS or DME/DME–IRU equipped) LANNA J48 MOL J22 VUZ AEX ROKIT (RNAV)–STAR	
	or	
	(non–advanced NAV only) LANNA J48 MOL J22 VUZ AEX DAS–STAR	
Indianapolis (IND)	ELIOT J80 EMPTY DQN CLANG-STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Jacksonville (JAX)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS SSI–STAR	
Lewisburg (LWB)	LANNA J48 EMI CSN V140 MOL	
Lexington (LEX)	PARKE J6 HVQ	
Los Angeles (LAX)	ELIOT J80 MCI J24 SLN J102 ALS J44 RSK J64 CIVET CIVET-STAR	
Louisville (LOU, SDF)	PARKE J6 HVQ J6 YOCKY DARBY–STAR	
Marco Island (MKY)	(GPS or DME/DME–IRU equipped) LANNA J48 J53 SPA J85 AMG SHFTY (RNAV)–STAR	
Melbourne (MLB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO-STAR	
Miami (MIA)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY–STAR	
Milwaukee (MKE)	COATE J36 FNT MKG V2 SUDDS	
Minneapolis (MSP)	GAYEL J95 BUF YWT J63 TVC J522 GRB EAU-STAR	
Mobile (MOB)	LANNA J48 J53 SPA J37 MGM MVC V20 AXSIS	
Montgomery (MGM)	LANNA J48 J53 SPA J37	
Montreal (CYUL)	GREKI V419 JUDDS CAM J222 PLB V91 NAPEE	
Naples (APF)	(Turbojets–GPS or DME/DME–IRU equipped) LANNA J48 J53 SPA J85 AMG SHFTY (RNAV)–STAR	
Nashville (BNA)	PARKE J6 YOCKY GUITR-STAR	

Terminals	Route	Effective Times (UTC)
Norfolk (ORF)	WHITE J209 SBY V1 CCV	
Orlando Executive (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL–STAR	1100–0300
Orlando Intl (MCO)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	1100–0300
Phoenix (PHX)	ELIOT J80 AIR J110 STL J19 ZUN FOSSL-STAR	
Portland (PWM)	GREKI V419 JUDDS CAM CON CON067 PARSO	
Richmond (RIC)	WHITE J209 SBY V1 CCV HPW	
Roanoke (ROA)	LANNA J48 MOL	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE	
	or	
	(Turboprops) COATE J36 CFB154 CFB V252 GIBBE	
Salt Lake City (SLC)	GAYEL J95 BUF J16 ECK J38 GRB ODI FSD J82 RAP J158 DDY J107 OCS OGD	
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS	
St. Petersburg (PIE)	LANNA J48 J53 SPA J85 TAY LZARD–STAR	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
	or	
	(Turboprops) COATE J36 CFB154 CFB	
Tampa (TPA)	LANNA J48 J53 SPA J85 TAY LZARD–STAR	
	or	
	(GPS or DME/DME–IRU equipped) LANNA J48 J53 SPA J85 TAY DADES (RNAV)–STAR	
Toledo (TOL)	ELIOT J60 DJB VWV	
Toronto (CYYZ)	(Turbojets) GAYEL J95 BUF V36	
	or	
	(Turboprops) COATE J36 ULW141 ULW V36	
Tri-City (TRI)	LANNA J48 MOL J22 PSK V16 HMV	
Washington Dulles (IAD)	PARKE J6 LRP V143 MULRR AML	
Washington Natl (DCA)	BIGGY J75 MXE V378 BAL	
West Palm Beach (PBI)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)–STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
Winston Salem (INT)	BIGGY J75 GSO	
Youngstown (YNG)	ELIOT J60 PSB PSB292060	
FROM TETERBORO (TEB) only		
Boca Raton (BCT)	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID CAYSL (RNAV)–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR	
Charleston (CHS)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS	

Terminals	Route	Effective Times (UTC)
Cincinnati (CVG)	(RNAV only) PARKE J6 COLNS GAVNN (RNAV)–STAR	
	or	
	(all others) PARKE J6 COLNS BRUSH–STAR	
Detroit Satellites: Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG), Ann Arbor (ARB), Willow Run (YIP)	GAYEL J95 BUF J547 YXU PICES–STAR	
	or	
	GAYEL J95 BUF J547 YXU GOHMA–STAR	1100–0300
	or	
	GAYEL J95 BUF J547 YXU SWWAN–STAR	1100–0300
	or	
	ELIOT J60 PSB LLEEO–STAR	
Ft. Lauderdale (FLL, OPF)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FISEL (RNAV)–STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN GISSH–STAR	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN MLB BLUFI–STAR	
	or	
	(Water–Turboprops) WHITE J209 ORF J174 ILM AR21 CRANS HIILL FATHR GISSH–STAR	
	or	
	(Water–Turboprops–GPS or DME/DME–IRU equipped) WHITE J209 ORF J174 ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR ILM AR21 CRANS FATHR GISSH–STAR	
Jacksonville (JAX)	(Turbojets) WHITE J209 SBY J79 CHS SSI–STAR	
Marco Isle (MKY)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Miami (MIA, TMB, HST)	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY–STAR	
Naples (APF)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Orlando Intl (MCO)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	

Terminals	Route	Effective Times (UTC)
	(GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando/Exec (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL–STAR	1100–0300
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	
	or	
	(GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS	
West Palm Beach (PBI)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
FROM WHITE PLAINS (HPN)		
Allegheny (AGC)	ELIOT J80 VINSE NESTO–STAR	
Atlanta (ATL)	LANNA J48 ODF WHINZ–STAR	
	or	
	(RNAV only) LANNA J48 ODF FLCON (RNAV)–STAR	
Baltimore (BWI)	BIGGY J75 MXE V378 BAL	
Binghamton (BGM)	(Turbojets) NEION J223 CORDS CFB	
Boca Raton (BCT)	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CAYSL (RNAV)–STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR	
	or	
	(Water) WAVEY EMJAY J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Boston (BOS)	MERIT ORW ORW–STAR	
Buffalo (BUF)	(Turbojets) NEION J223 CORDS ULW ULW306 V164	
	or	
	(Turboprops) GAYEL J95 CFB V270 ULW306 V164	
Burlington (BTV)	GREKI V419 JUDDS CAM	
Charleston (CHS)	(Turbojets) WHITE J209 SBY J79 KATZN TYI CHS	
Charleston (CRW)	PARKE J6 HVQ	
Charlotte (CLT)	BIGGY J75 GVE LYH MAJIC–STAR	
Chicago Midway (MDW)	ELIOT J60 GSH GSH–STAR	
Chicago O'Hare (ORD)	COATE J36 FNT PAITN–STAR	0000–2359

Terminals	Route	Effective Times (UTC)
Cincinnati (CVG)	(RNAV only) PARKE J6 COLNS GAVNN (RNAV)–STAR or (all others) PARKE J6 COLNS BRUSH–STAR	
Cleveland (CLE)	ELIOT J60 PSB PSB292 YNG CXR	
Columbus (CMH)	ELIOT J80 AIR AIR260 BREMN	
Dallas/Ft Worth (DFW)	PARKE J6 LIT BYP	
Dayton (DAY)	ELIOT J80 AIR APE DANEI–STAR	
Daytona Beach (DAB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN	
Denver (DEN)	ELIOT J60 IOW J10 LBF SAYGE–STAR	
Detroit Metro–Wayne Co (DTW)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQO SPICA–STAR	
Detroit Satellites: Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG), Willow Run (YIP), Ann Arbor (ARB)	GAYEL J95 CFB CFB286 TRAAD ULW306 KOOPR YQG	
Fayetteville (FAY)	BIGGY J75 GVE SBV RDU	
Fort Lauderdale (FLL, FXE, OPF)	(Turbojets–All Others) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN GISSH–STAR or (Turbojets)–/E,/G,/R,/J,/L,/Q equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FISEL (RNAV)–STAR or (Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN MLB BLUFI–STAR or (Water–Turboprops–/E,/G,/R,/J,/L,/Q equipped) WHITE J209 SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
Fort Myers (FMY, RSW)	(GPS or DME/DME–IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	
Fort Wayne (FWA)	ELIOT J80 SUZIE J64	
Greensboro (GSO)	BIGGY J75	
Greer (GSP)	BIGGY J75 GVE J37 SPA	
Hot Springs (HSP)	LANNA J48 EMI CSN V140 MOL	
Houston George Bush Intrcntl (IAH)	(non–advanced NAV only) LANNA J48 MOL J22 VUZ AEX DAS–STAR or (Turbojets–GPS or DME/DME–IRU equipped) LANNA J48 MOL J22 VUZ AEX TXMEX (RNAV)–STAR	
Houston Hobby (HOU)	(GPS or DME/DME–IRU equipped) LANNA J48 MOL J22 VUZ AEX ROKIT (RNAV)–STAR or (non–advanced NAV only) LANNA J48 MOL J22 VUZ AEX DAS–STAR	
Indianapolis (IND)	ELIOT J80 EMPTY DQN CLANG–STAR	
Ithaca (ITH)	(Turbojets) NEION J223 CORDS CFB V423	
Jacksonville (JAX)	(Turbojets) WHITE J209 SBY J79 CHS SSI–STAR	
Lewisburg (LWB)	LANNA J48 EMI CSN V140 MOL	
Lexington (LEX)	PARKE J6 HVQ	
Los Angeles (LAX)	ELIOT J80 MCI J24 SLN J102 ALS J44 RSK J64 PGS RIIVR–STAR	
Louisville (SDF)	PARKE J6 HVQ J6 YOCKY DARBY–STAR	
Marco Island (MKY)	(GPS or DME/DME–IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)–STAR or (Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Melbourne (MLB)	WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO–STAR	
Memphis (MEM)	PARKE J6 BWG WLDER–STAR	

Terminals	Route	Effective Times (UTC)
Miami (MIA, TMB, HST)	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Turbojets–GPS of DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Turboprops) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
Milwaukee (MKE)	COATE J36 FNT MKG V2 SUDDS	
Minneapolis (MSP)	GAYEL J95 BUF YWT J63 TVC J522 GRB EAU–STAR	
Mobile (MOB)	BIGGY J75 GVE J37 MGM MVC V20 AXSIS	
Montgomery (MGM)	BIGGY J75 GVE J37	
Montreal (CYUL)	GREKI V419 JUDDS CAM J222 PLB PLB–STAR	
Naples (APF)	(Turbojets–GPS or DME/DME–IRU equipped) BIGGY J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Nashville (BNA)	PARKE J6 YOCKY GUITR–STAR	
Norfolk (ORF)	WHITE J209 SBY V1 CCV	
Orlando Exec (ORL)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL–STAR	
	or	
	(GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando Intl (MCO)	(Turbojets) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO–STAR	
	or	
	(Water–Turbojets) WHITE J209 SBY KEMPR ILM AR15 HIBAC APOLO ORL	
	or	
	(GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Phoenix (PHX)	ELIOT J80 AIR J110 STL J19 ZUN FOSSL–STAR	
Portland (PWM)	GREKI V419 JUDDS CAM CON CON067 PARSO	
Richmond (RIC)	WHITE J209 SBY V1 CCV HPW	
Rochester (ROC)	(Turbojets) NEION J223 CORDS ULW V31 GIBBE	
Salt Lake City (SLC)	GAYEL J95 BUF J16 ECK J16 BAE DBQ J94 OCS OGD	
Savannah (SAV)	(Turbojets) WHITE J209 SBY J79 CHS	
St. Louis (STL)	ELIOT J80 AIR J110 VHP VLA–STAR	
St. Petersburg (PIE)	BIGGY J75 TAY LZARD–STAR	
Syracuse (SYR)	(Turbojets) NEION J223 CORDS CFB V29	
Tampa (TPA)	BIGGY J75 TAY LZARD–STAR	
	or	
	(GPS or DME/DME–IRU equipped) BIGGY J75 TAY DADES (RNAV)–STAR	
Toledo (TOL)	ELIOT J60 DJB VWV	

Terminals	Route	Effective Times (UTC)
Toronto (CYYZ)	GAYEL J95 BUF V36	
Tri City (TRI)	LANNA J48 MOL J22 PSK V16 HMV	
Washington Dulles (IAD)	PARKE J6 LRP V143 MULRR AML	
Washington Natl (DCA)	BIGGY J75 MXE V378 BAL or (GPS or DME/DME–IRU equipped) BIGGY J75 MXE CLIPR (RNAV)–STAR	
West Palm Beach (PBI)	(Water–Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)–STAR or (Turbojets–GPS or DME/DME–IRU equipped) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN FRWAY–STAR or (Turbojets) WHITE J209 SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR or (Water–Turbojets) WHITE J209 SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
Winston/Salem (INT)	BIGGY J75 GSO	
Youngstown (YNG)	ELIOT J60 PSB PSB292060	
NORFOLK (ORF)		
Chicago O'Hare (ORD)	MOL GEFFS J149 FWA KNOX–STAR or MOL GEFFS J149 ROD WATSN (RNAV)–STAR	
Cincinnati (CVG)	(at or above FL240) WAIKS ORF290 KELLE MOL130 MOL HNN090/50 HNN BRUSH–STAR or (at or below FL220) WAIKS ORF290 KELLE MOL130 MOL HNN BRUSH–STAR or (RNAV only–at or above FL240) WAIKS KELLE MOL HNN090/50 HNN GAVNN (RNAV)–STAR or (RNAV only–at or below FL220) WAIKS KELLE MOL HNN GAVNN (RNAV)–STAR	
Detroit Metro Wayne Co (DTW)	WAIKS ORF290 KELLE MOL130 MOL GEMNI–STAR	
Houston George Bush Intcntl (IAH)	(Turbojets–GPS or DME/DME–IRU equipped) VUZ AEX TXMEX (RNAV)–STAR or (non–advanced NAV only) VUZ AEX DAS–STAR	
Houston Hobby (HOU)	(GPS or DME/DME–IRU equipped) VUZ AEX ROKIT (RNAV)–STAR or (non–advanced NAV only) VUZ AEX DAS–STAR	
Islip (ISP)	SCHOL SBY200 J121 SARDI CCC	1100–0400
Kennedy (JFK)	SCHOL SBY 200 J121 SIE CAMRN–STAR	1100–0400
La Guardia (LGA)	HPW V213 PXT KORRY–STAR	1100–0300
Newark (EWR)	HPW HPW025 J14 PXT DYLIN-STAR or (GPS or DME/DME–IRU equipped) HPW HPW025 J14 PXT PHLBO (RNAV)–STAR	
Philadelphia (PHL)	SCHOL SBY200 V139 RADDS VCN–STAR	1100–0400
Teterboro (TEB)	HPW V213 PXT JAIKE–STAR or (non advanced navigation, turbojets only) WAIKS ORF290079 FAK BRV AML J227 J49 J70 LVZ LVZ–STAR	1100–0300 1100–0300
PHILADELPHIA METRO AREA (PHL, PNE)		
Albany (ALB)	DITCH J225 JFK244016 LGA LGA055 V487 CANAN V130	
Atlanta (ATL)	MXE MXE278 PENSY J48 ODF WHINZ–STAR	

Terminals	Route	Effective Times (UTC)
	or	
	(RNAV only) MXE MXE278 PENSY J48 ODF FLCON (RNAV)–STAR	
Boca Raton (BCT)	(Turbojets–/E,/G,/R,/J,/L,/Q equipped) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR	
	or	
	(Turbojets–All Others) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR	
	or	
	(Water–Turbojets–/E,/G,/R,/J,/L,/Q equipped) OOD TEBEE HAYDO SBY J209 ORF KEMPR DIW AR19 AYBID CAYSL (RNAV)–STAR	
	or	
	(Water–Turbojets–All Others) OOD TEBEE HAYDO SBY J209 ORF KEMPR DIW AR19 AYBID NEUBE SWOMP SANZZ CAYSL (RNAV)–STAR	
Boston (BOS)	DITCH J225 JFK ORW–STAR	
Buffalo (BUF)	PTW PTW320 J64 RAV RAV312 BUF162	
Burlington (BTV)	DITCH J225 JFK J222 CAM	
Charleston (CHS)	(Turbojets) OOD TEBEE HAYDO SBY J79 CHS	
Charlotte (CLT)	MXE J75 GVE LYH MAJIC-STAR	
Chicago Midway (MDW)	PTW PTW320 SARAA RAV PSB J60 GSH GSH-STAR	
Chicago O'Hare (ORD)	PTW PTW320 J64 FWA OXI-STAR	0000–2359
	or	
	(GPS OR DME/DME–IRU equipped) PTW PTW320 SARMA J64 MAINE ZANLA WATSN (RNAV)–STAR	
Cincinnati (CVG)	(RNAV only) MXE PENSY J110 FLIRT J6 COLNS GAVNN (RNAV)–STAR	
	or	
	(all others) MXE PENSY J110 FLIRT J6 COLNS BRUSH–STAR	
Cleveland (CLE)	PTW PTW320 J64 RAV PSB PSB292 YNG CXR	
Columbus (CMH)	MXE MXE278 PENSY J110 AIR BREMN–STAR	
Dallas/Fort Worth (DFW)	MXE MXE278 PENSY J110 FLIRT J6 LIT BONHAM–STAR	
Dayton (DAY)	MXE MXE278 PENSY J110 AIR APE DANEI–STAR	
Denver (DEN)	PTW PTW320 J64 RAV PSB J60 IOW J10 LBF SAYGE–STAR	
Detroit Metro–Wayne Co (DTW)	MXE MXE278 PENSY J110 LEJOY J518 DJB GEMNI–STAR	
Detroit Satellites:		
Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK)	PTW PTW320 J64 RAV PSB LLEEO–STAR	
Willow Run (YIP)	PTW PTW320 J64 RAV PSB ERI	
Fort Lauderdale (FLL)	(Water–Turboprops–GPS or DME/DME–IRU equipped) OOD TEBEE HAYDO SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN FISEL (RNAV)–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) OOD TEBEE HAYDO SBY KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Turbojets) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN GISSH–STAR	
	or	
	(Water–Turboprops) OOD TEBEE HAYDO SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH–STAR	

Terminals	Route	Effective Times (UTC)
	or	
	(Water–Turbojets) OOD TEBEE HAYDO SBY KEMPR ILM AR21 CRANS HIILL FATHR GISSH–STAR	
	or	
	(Turboprops) OOD TEBEE HAYDO SBY J79 KATZN J193 J121 CHS J79 OMN MLB BLUFI–STAR	
Fort Myers (FMY, RSW)	(GPS or DME/DME–IRU equipped) MXE J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	
	or	
	(WATER–Turbojets) OOD TEBEE HAYDO SBY KEMP ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Greensboro (GSO)	MXE J75 GVE LYH V222 HENBY	0000–2359
Hot Springs (HSP)	MXE MXE278 PENSY J48 MOL	
Houston George Bush Intrcntl (IAH)	(non–advanced NAV only) MXE MXE278 PENSY J48 MOL J22 VUZ AEX DAS–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) MXE MXE278 PENSY J48 MOL J22 VUZ AEX TEXMX (RNAV)–STAR	
Houston Hobby (HOU)	(GPS or DME/DME–IRU equipped) MXE MXE278 PENSY J48 MOL J22 VUZ AEX ROKIT (RNAV)–STAR	
	or	
	(non–advanced NAV only) MXE MXE278 PENSY J48 MOL J22 VUZ AEX DAS–STAR	
Indianapolis (IND)	MXE MXE278 PENSY J110 AIR J80 EMPTY DQN CLANG-STAR	
Jacksonville (JAX)	(Turbojets) OOD TEBEE HAYDO SBY J79 CHS SSI–STAR	
Kansas City (MKC)	MXE MXE278 J110 AIR J80 SPI BRAYMER–STAR	
Knoxville (TYS)	MXE MXE278 PENSY J48 MOL J22	
Lewisburg (LWB)	MXE MXE278 PENSY J48 MOL V140 COVEY	
Lexington (LEX)	MXE MXE278 PENSY J110 LEJOY HVQ	
Louisville (SDF)	MXE MXE278 PENSY J110 FLIRT J6 YOCKY DARBY–STAR	
Manchester (MHT)	DITCH J225 JFK J37 ALB EEN MHT	
Marco Island (MKY)	(GPS or DME/DME–IRU equipped) MXE J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	
Memphis (MEM)	MXE MXE278 PENSY J110 FLIRT J6 BWG WLDER–STAR	
Miami (MIA)	(Water–Turbojets) OOD TEBEE HAYDO SBY KEMPR DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
	or	
	(Water–GPS or DME/DME–IRU equipped) OOD TEBEE HAYDO SBY KEMPR DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Turbojets) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Turboprops) OOD TEBEE HAYDO SBY J79 KATZN J193 J121 CHS J79 OMN ANNEY–STAR	
Milwaukee (MKE)	PTW PTW320 J64 RAV PSB J60 DJB J34 J70 PMM V170 BRAVE	
Minneapolis (MSP)	PTW PTW320 J64 RAV PSB J60 DJB J34 BAE EAU-STAR	
Montreal (CYUL)	DITCH J225 JFK J222 PLB PLB-STAR	
Naples (APF)	(Turbojets–GPS or DME/DME–IRU equipped) MXE J75 GSO J75 DUNKN SHFTY (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
Nashville (BNA)	MXE MXE278 PENSY J110 FLIRT J6 YOCKY GUITR-STAR	
New Orleans (MSY)	MXE MXE278 PENSY J48 MOL J22 MEI RYTHM–STAR	
Newport News (PHF)	OOD OOD198 SBY018 SBY VI CCV	
Orlando Executive (ORL)	OOD OOD198 SBY018 SBY J79 KATZN J193 J121 CHS J79 OMN CORLL–STAR	1100–0300
Orlando Intl (MCO)	OOD OOD198 SBY018 SBY J79 KATZN J193 J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	
	(Water–Turbojets) OOD TEBEE HAYDO SBY KEMPR ILM AR15 HIBAC APOLO ORL	
	or	
	(GPS or DME/DME–IRU equipped) OOD OOD198 SBY018 SBY J79 KATZN J193 J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) OOD TEBEE HAYDO SBY KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Pittsburgh (PIT)	MXE MXE278 PENSY J110 VINSE NESTO–STAR	
Portland (PWM)	DITCH V312 DRIFT CCC BOS BOS048 MESHL	1100–0300
Providence (PVD)	DITCH V312 DRIFT J121 HTO JORDN–STAR	
	or	
	(Turbojet, NonAdvanced Navigation) DITCH V312 DRIFT J121 HTO V268 MINNK	
Raleigh/Durham (RDU)	OOD OOD198 SBY018 SBY ARGAL–STAR	
Richmond (RIC)	OOD OOD198 SBY018 SBY V1 CCV HPW	
Roanoke (ROA)	MXE MXE278 PENSY J48 MOL	
Rochester (ROC)	PTW PTW320 J64 RAV RAV312 J227 ULW V31 GIBBE	
San Francisco (SFO)	PTW PTW320 J64 HLC J80 OAL MOD-STAR	
Sarasota/Bradenton (SRQ)	MXE J75 TAY J85 GNV GNV174055 LAL	
Savannah (SAV)	ODD TEBEE HAYDO SBY J79 CHS	
St. Louis (STL)	MXE MXE278 PENSY J110 VHP VLA-STAR	
St. Petersburg (PIE)	MXE J75 TAY LZARD–STAR	
Tampa (TPA)	MXE J75 TAY LZARD–STAR	
	or	
	(GPS or DME/DME–IRU equipped) MXE J75 TAY DADES (RNAV)–STAR	
Toronto (CYYZ)	PTW PTW320 J64 RAV PSB J61 BUF V36	
West Palm Beach (PBI)	(Turbojets–GPS or DME/DME–IRU equipped) OOD TEBEE HAYDO SBY J79 KATZN J193 J121 CHS J79 OMN FRWAY (RNAV)–STAR	
	or	
	(Turbojets) OOD TEBEE HAYDO SBY J79 KATZN ISO J121 CHS J79 OMN TUXXI–STAR	
	or	
	(Water–Turbojets GPS or DME/DME–IRU equipped) OOD TEBEE HAYDO SBY KEMPR DIW AR19 AYBID FRWAY (RNAV)–STAR	
	or	
	(Water–Turbojets) OOD TEBEE HAYDO SBY KEMPR DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
White Plains (HPN)	DITCH V312 CYN BOUNO–STAR	
Windsor Locks (BDL)	DITCH J225 JFK DPK DPK–STAR	
PITTSBURGH (PIT)		
Albany (ALB)	EWC EWC050 J584 SLT RKA RKA099 V449	
Boston (BOS)	EWC EWC050 J584 SLT J190 ALB GDM GDM-STAR	
Buffalo (BUF)	EWC EWC038 EWC038060 DKK BUF	
Chicago Midway (MDW)	BSV BSV297 MAYZE J60 GSH GSH-STAR	
Chicago O'Hare (ORD)	BSV BSV286 OXI095 OXI OXI-STAR	1100–0300
	or	
	BSV ZANLA WATSN (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
Fort Lauderdale (FLL)	(/E, /G, /R, /J, /L, /Q) CKB CKB197 PSK014 PSK CAE SAV J103 OMN FISEL (RNAV)–STAR or (all others) CKB CKB197 PSK014 PSK CAE SAV J103 OMN GISSH–STAR	
Houston George Bush Intrcntl (IAH)	(Turbojets–GPS or DME/DME–IRU equipped) LIT J180 SWB TXMEX (RNAV)–STAR or (non–advanced NAV only) LIT J180 SWB DAS–STAR	
Houston Hobby (HOU)	(GPS or DME/DME–IRU equipped) LIT J180 SWB ROKIT (RNAV)–STAR or (non–advanced NAV only) LIT J180 SWB DAS–STAR	
Islip (ISP)	EWC EWC050 J584 SLT J190 CFB HNK J68 V130 ORW V308 BOROS CCC	
Kennedy (JFK)	EWC EWC050 J584 SLT J190 J70 LVZ LENDY-STAR	
La Guardia (LGA)	TON PSB MIP-STAR	
Miami (MIA)	(/E, /G, /R, /J, /L, /Q) CKB CKB197 PSK014 PSK CAE SAV J103 OMN HILEY (RNAV)–STAR or (all others) CKB CKB197 PSK014 CAE SAV J103 OMN ANNEY–STAR	
Newark (EWR)	EWC EWC050 J584 SLT FQM-STAR	
Philadelphia (PHL)	JST J152 HAR V210 BUNTS	
Tampa (TPA)	CKB197 PSK014 PSK CAE J75 TAY LZARD–STAR or (GPS or DME/DME–IRU equipped) CKB197 PSK014 PSK CAE J75 TAY DADES (RNAV)–STAR	
White Plains (HPN)	(Above 250 kts) EWC EWC050 J584 SLT J190 CFB DNY280 DNY VALRE-STAR or (250 kts or less) EWC EWC050 J584 SLT J190 CFB DNY280 DNY NOBBI-STAR	
Windsor Locks (BDL)	EWC EWC050 J584 SLT RKA SWEDE–STAR	
PORTLAND (PWM)		
Chicago O'Hare (ORD)	CAM SYR J63 EHMAN YXU J547 FNT PAITN-STAR	1100–0300
Cincinnati (CVG)	(RNAV only) ENE J547 SYR JOSSY MAULL KODIE CTW TIGRR (RNAV)–STAR or (all others) ENE J547 SYR J29 KELIE SLT016 SLT SLT249 KODIE CTW081 CTW CINCE–STAR	
La Guardia (LGA)	CON CAM ALB PWL IGN V157	1100–0300
Newark (EWR)	CON CAM ALB V213 SAX	1100–0300
Philadelphia (PHL)	PSM WITCH CCC SHERL J121 BRIGS VCN-STAR	1100–0300
Pittsburgh (PIT)	CAM ALB J49 HNK HNK271 J190 SLT GRACE–STAR	1100–0300
Washington Dulles (IAD)	PSM WITCH GLYDE BAF J77 SAX J6 LRP DELRO–STAR	1100–0300
PROVIDENCE (PVD)		
Atlanta (ATL)	PUT BAF J77 PTW J48 ODF WHINZ–STAR or (RNAV only) PUT BAF J77 PTW J48 ODF FLCON (RNAV)–STAR	1100–0300 1100–0300
Baltimore (BWI)	PUT PUT283 NELIE CMK J75 MXE V378 BAL	1100–0300
Boca Raton (BCT)	(Turbojets–GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR or (Turbojets) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR	

Terminals	Route	Effective Times (UTC)
	or (Water–GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR or (Water–Turbojets) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO DIW AR19 AYBID NEUBE SWOMP SANZZ CAYSL (RNAV)–STAR	
Chicago O'Hare (ORD)	PUT CTR CAM SYR J63 EHMAN YXU J547 FNT PAITN-STAR	1100–0300
Cincinnati (CVG)	(RNAV only) CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)–STAR or (all others) CTR HNK J49 PSB PSB281 MAULL SLT249 KODIE CTW081 CTW CINCE–STAR	
Detroit Metro-Wayne Co (DTW)	PUT CTR CAM SYR J547 BUF YQO SPICA–STAR	1100–0300
Detroit Satellites: Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	PUT CTR CAM J547 BUF YQO	1100–0300
Fort Lauderdale (FLL)	(Water–Turbojets–GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)–STAR	1100–0300
	or (Water–Turboprops–GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)–STAR	1100–0300
	or (Turbojets–GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)–STAR or (Turboprops) PVD180 JUMPR MVY260 RIFLE J174 ORF J121 CHS J79 OMN MLB BLUFI–STAR	1100–0300
	or (Turbojets) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN GISSH–STAR or (Water–Turboprops) PVD180 JUMPR MVY260 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH–STAR or (Water–Turbojets) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH–STAR	1100–0300
Fort Myers (RSW)	(WATER–Turbojets) PVD180 JUMPR MVY J174 SWL CEBEE WETRO ILM AR15 HIBAC SHFTY (RNAV)–STAR	1100–0300
La Guardia (LGA)	(Above 250 kts) PUT BAF IGN V157 or (250 kts or less) PUT BAF V106 PWL V405 CASSH V123 HAARP	1100–0300 1100–0300
Miami (MIA)	(Water) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS or (Water–GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)–STAR or (Turbojets) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN ANNEY–STAR or	

Terminals	Route	Effective Times (UTC)
	(Turbojets–GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Turboprops) PVD180 JUMPR MVY260 RIFLE J174 ORF J121 CHS J79 OMN ANNEY–STAR	
Minneapolis/St Paul (MSP)	PUT CTR CAM SYR J547 BUF YWT J63 TVC J522 GRB EAU-STAR	1100–0300
Newark (EWR)	V146 BAF V292 V213 SAX	1100–0300
	or	
	(250 kts or less) V146 BAF V292 V489 COATE	1100–0300
Orlando Executive (ORL)	PVD180 JUMPR MVY260 J174 ORF J121 CHS J79 OMN CORLL–STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando Intl (MCO)	PVD180 JUMPR MVY260 J174 ORF J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	
	(Water–Turbojets) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO ILM AR15 HIBEC APOLO ORL	
	or	
	(GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 J174 ORF J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Philadelphia (PHL)	PVD180 JUMPR MVY260 J121 PLUME V139 BRIGS VCN–STAR	1100–0300
Pittsburgh (PIT)	PUT CTR HNK HNK271 J190 SLT GRACE–STAR	1100–0300
Raleigh-Durham (RDU)	PVD180 JUMPR MVY260 RIFLE J174 SWL ARGAL-STAR	1100–0300
St. Louis (STL)	PUT BAF J77 SAX J80 J110 VHP VLA-STAR	1100–0300
Tampa (TPA)	PUT PUT283 NELIE CMK J75 TAY LZARD–STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) PUT PUT283 NELIE CMK J75 TAY DADES (RNAV)–STAR	1100–0300
Washington Dulles (IAD)	PUT BAF J77 SAX J6 LRP DELRO–STAR	1100–0300
Washington Natl (DCA)	PVD180 JUMPR MVY260 J174 ATR085 ATR V308 BILIT	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 J174 ATR085 ATR V308 LAFLN BILIT (RNAV)–STAR	1100–0300
West Palm Beach (PBI)	(Turbojets–GPS or DME–DME/IRU equipped) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR	1100–0300
	or	
	(Turbojets) PVD180 JUMPR MVY260 RIFLE J174 ORF ISO CHS J79 OMN TUXXI–STAR	
	or	
	(Water–GPS or DME/DME–IRU equipped) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO DIW AR19 AYBIB FRWAY (RNAV)–STAR	1100–0300
	or	
	(Water–Turbojets) PVD180 JUMPR MVY260 J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	1100–0300
READING (RDG)		
Detroit Metro Wayne Co (DTW)	KIPPI J80 J518 DJB GEMNI–STAR	
RICHMOND (RIC)		

Terminals	Route	Effective Times (UTC)
Cincinnati (CVG)	(RNAV only–at or above FL240) YEAST MOL HNN090/50 HNN GAVNN (RNAV)–STAR	
	or	
	(RNAV only–at or below FL220) YEAST MOL HNN GAVNN (RNAV)–STAR	
	or	
	(all others at or above FL240) YEAST–DP MOL HNN090/50 HNN BRUSH–STAR	
	or	
	(all others at or below FL220) YEAST–DP MOL HNN BRUSH–STAR	
Detroit Metro Wayne Co (DTW)	YEAST–DP MOL GEMNI–STAR	
Houston George Bush Intrcntl (IAH)	(Turbojets–GPS or DME/DME–IRU equipped) VUZ AEX TXMEX (RNAV)–STAR	
	or	
	(non–advanced NAV only) VUZ AEX DAS–STAR	
Houston Hobby (HOU)	(GPS or DME/DME–IRU equipped) VUZ AEX ROKIT (RNAV)– STAR	
	or	
	(non–advanced NAV only) VUZ AEX DAS–STAR	
ROANOKE (ROA)		
Detroit Metro Wayne Co (DTW)	BKW GEMNI–STAR	
ROCHESTER (ROC)		
Cincinnati (CVG)	(RNAV only) GEE BURST MAULL KODIE CTW TIGRR (RNAV)–STAR	
	or	
	(all others) GEE GEE204 BURST SLT013 SLT SLT249 KODIE CTW081 CTW CINCE–STAR	
Detroit Satellites: Coleman A Young (DET), Pontiac (PTK), Ann Arbor (ARB), Windsor (CYQG), Willow Run (YIP)	YXU PICES–STAR	
	or	
	YXU GOHMA–STARR	1100–0300
	or	
	YXU SWWAN–STAR	1100–0300
La Guardia (LGA)	(Above 250 kts) V34 BEEPS J522 EXTOL RKA RKA-STAR	
	or	
	(250 kts or less) V34 BEEPS DNY NOBBI–STAR	
Newark (EWR)	(Above 250 kts) V34 BEEPS J522 HNK SHAFF-STAR	
	or	
	(250 kts or less) V34 BEEPS J522 HNK V167 WEARD V489 COATE	
Philadelphia (PHL)	GEE SLT PSB HAR V210 BUNTS	
STATE COLLEGE (UNV)		
Detroit Metro Wayne Co (DTW)	PSB ERI SPICA–STAR	
SYRACUSE (SYR)		
Cincinnati (CVG)	(RNAV only) SYR DINES MAULL KODIE CTW TIGRR (RNAV)–STAR	
	or	
	(all others) SYR V483 DINES GEE GEE204 KELIE SLT013 SLT SLT249 KODIE CTW081 CTW CINCE–STAR	
Detroit Satellites: Coleman A Young (DET), Pontiac (PTK), Windsor (CYQG), Ann Arbor (ARB), Willow Run (YIP)	BUF YXU PICES–STAR	
	or	
	BUF YXU GOHMA–STAR	1100–0300
	or	
	BUF YXU SWWAN–STAR	1100–0300

Terminals	Route	Effective Times (UTC)
TORONTO (CYYZ)		
Cincinnati (CVG)	(RNAV only) THORL JHW MAULL KODIE CTW TIGRR (RNAV)–STAR or (all others) THORL JHW JHW194 MAULL SLT249 KODIE CTW081 CTW CINCE–STAR	
Detroit Metro Area: Willow Run (YIP), Pontiac (PTK) Coleman A Young (DET), Windsor (CYQG)	ANCOL V104 YXU PICES–STAR	
La Guardia (LGA)	(Above 250 kts) V252 GEE RKA-STAR or (250 kts or less) V252 GEE V14 BEEPS J522 EXTOL RKA292 RKA NOBBI-STAR	1100–0300
San Francisco (SFO)	GRB J106 GEP J70 ABR J32 FMG ILA PYE	
WASHINGTON/BALTIMORE METRO AREA (DCA, BWI, IAD)		
Asheville (AVL)	FLUKY DCA246 PAUKI MOL J22 PSK SUG	1100–0300
Atlanta (ATL)	FLUKY DCA246 PAUKI MOL WHINZ–STAR or (RNAV only) FLUKY DCA246 PAUKI MOL FLCON RNAV–STAR	1100–0400 1100–0300
Binghamton (BGM)	JERES J227 BABEE CFB	1100–0400
Birmingham (BHM)	FLUKY DCA246 PAUKI MOL J22 VUZ	1100–0300
Boston (BOS)	(turbojets) SWANN V268 BROSS J42 RBV J222 JFK ORW–STAR or (Turboprops only) PALEO–DP SIE J121 HTO V308 ORW V16 WOONS	
Buffalo (BUF)	JERES J220 BUF162	1100–0300
Charleston (CHS)	DAILY J61 HUBBS J193 WEAVR J121	1100–0400
Chattanooga (CHA)	FLUKY DCA246 PAUKI MOL J22 VXV	1100–0300
Chicago Midway (MDW)	AML J149 FWA GSH-STAR	1100–0300
Chicago O'Hare (ORD)	AML J149 FWA KNOX-STAR or AML J149 ROD WATSN (RNAV)–STAR	0000–2359 0000–2359
Cincinnati (CVG)	(all others) LDN J134 COLNS BRUSH–STAR	
Cleveland (CLE)	JERES J211 YNG CXR	
Columbus (CMH)	AML J149 HACKS APE	
Detroit Metro Wayne Co (DTW)	JERES J211 J60 DJB	1100–0400
Detroit Satellites: Coleman A Young (DET), Windsor (CYQG), Pontiac (PTK), Willow Run (YIP), Ann Arbor (ARB)	JERES J211 J60 HAGUD LLEEO-STAR	
Fort Lauderdale (FLL)	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN GISSH–STAR or (Turboprops) DAILY J61 HUBBS J193 J121 CHS J79 OMN MLB BLUFI–STAR or (Water-Turboprops) DAILY J61 EDDYS J174 ILM AR21 CRANS HIILL FATHR GISSH–STAR or (Water-Turbojets) DAILY J61 HUBBS KEMPR ILM AR21 CRANS HIILL FATHR GISSH–STAR	
Fort Myers (FMY, RSW)	(Turbojets–GPS or DME/DME–IRU equipped) HAFNR GVE J75 DUNKN SHFTY (RNAV)–STAR	
Fort Wayne (FWA)	AML J149	1100–0300
Houston George Bush Intcntl (IAH)	(non–advanced NAV only) FLUKY DCA246 PAUKI MOL J22 VUZ AEX DAS–STAR or (Turbojets–GPS DME/DME–IRU equipped) FLUKY DCA246 PAUKI MOL J22 VUZ AEX TXMEX (RNAV)–STAR	1100–0300 1100–0300
Houston Hobby (HOU)	(GPS or DME/DME–IRU equipped) FLUKY DCA246 PAUKI MOL J22 VUZ AEX ROKIT (RNAV)–STAR or (non–advanced NAV only) FLUKY DCA246 PAUKI MOL J22 VUZ AEX DAS–STAR	1100–0300 1100–0300

Terminals	Route	Effective Times (UTC)
Indianapolis (IND)	AML J149 EMPTY DQN CLANG-STAR	
Jacksonville (JAX)	DAILY J61 HUBBS J193 J121 CHS SSI-STAR	1100–0400
Knoxville (TYS)	FLUKY DCA246 PAUKI MOL 22	1100–0300
La Guardia (LGA)	PALEO V44 AGARD KORRY–STAR	1100–0400
Louisville (SDF)	LDN J134 COLNS J6 UNCKL DARBY–STAR	1100–0300
Miami (MIA)	(Turbojets) DAILY J61 HUBBS J193 J121 CHS J79 VRB HEATT -STAR or (Turboprops) DAILY J61 HUBBS J193 J121 CHS J79 VRB J45 ABLUFI AR1 or (Water) DAILY J61 EDDYS J174 DIW AR14 METTA AR1 HOBEE HEATT -STAR	
Milwaukee (MKE)	BUFFR J518 DJB J34 ALPHE J70 PMM V170 BRAVE	
Minneapolis (MSP)	BUFFR J518 DJB J34 BAE EAU-STAR	
New Orleans (MSY)	FLUKY DCA246 PAUKI MOL J22 MEI J31	1100–0300
Orlando Intl (MCO)	DAILY J61 HUBBS J193 J121 CHS J79 OMN BITHO-STAR	1100–0300
	or (Water) DAILY J61 EDDYS J174 DIW AR14 METTA AR1 HOBEE AR6 ORL	1100–0300
Pittsburgh (PIT)	BUFFR IHD NESTO–STAR	
Rochester (ROC)	JERES J227 ULW V31 GIBBE	1100–0400
Sarasota/Bradenton (SRQ)	HAFNR GVE J75 TAY J85 GNV LAL	1100–0300
Syracuse (SYR)	JERES J227 BABEE CFB	
Tampa (TPA)	HAFNR GVE J75 TAY LZARD–STAR or (GPS or DME/DME–IRU equipped) HAFNR GVE J75 TAY DADES (RNAV)–STAR	1100–0300 1100–0300
Teterboro (TEB)	(non–advanced navigation, turbojet only) JERES J227 J49 J70 LVZ LVZ–STAR or (advanced navigation, turbojet only) SWANN JAIKE–STAR	1100–0300 1100–0300
Toledo (TOL)	(FL180 and above) J211 J64 EWC MFD VWV	
West Palm Beach (PBI)	(Water) DAILY J61 EDDYS J174 DIW AR14 METTA AR1 HOBEE SURFN-STAR or DAILY J61 HUBBS J193 J121 CHS J79 OMN SURFN-STAR	1100–0300 1100–0300
Windsor Locks (BDL)	SWANN V268 BROSS J42 RBV J222 JFK DPK DPK–STAR	1100–0400
From **BALTIMORE (BWI)** only		
Albany (ALB)	SWANN-DP OOD J42 RBV LGA LGA055 V487 CANAN V130	1100–0300
Boca Raton (BCT)	(Water–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR or (Water–Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL or (Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR or (Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI–STAR	
Boston (BOS)	(Turbojets) SWANN-DP OOD J42 RBV J222 JFK ORW–STAR or (Turboprops) PALEO–DP SIE J121 HTO V308 ORW V16 WOONS	
Bridgeport (BDR)	PALEO-DP SIE J121 MAD193 KEYED	1100–0300

Terminals	Route	Effective Times (UTC)
Charleston (CHS)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79 CHS	
Chicago (MDW)	AML J149 FWA GOSHEN–STAR	
Chicago (ORD)	AML J149 ROD WATSN (RNAV)–STAR	
	or	
	AML J149 FWA KNOX–STAR	0000–2359
Dallas/Forth Worth (DFW)	(RNAV only) TERPZ–DP LDN J134 COLNS J6 HVQ J6 LIT BONHAM–STAR	1100–0300
	or	
	LDB J134 COLNS J6 HVQ J6 LIT BONHAM–STAR	1100–0300
Dayton (DAY)	AML J149 HACKS APE DANEI–STAR	1100–0400
Denver (DEN)	TERPZ (RNAV)–DP LDN J134 HNN J134 STL J110 GCK J154 RYLIE DANDD—STAR	1100–0300
	or	
	LDN J134 HNN J134 STL J110 GCK J154 RYLIE DANDD–STAR	1100–0300
Detroit Metro Wayne Co (DTW)	AML J149 SINDE GEMNI–STAR	
	or	
	MCRAY J518 DJB DJB314 GEMNI GEMNI–STAR	
Fort Lauderdale (FLL, FXE, OPF)	(Turboprops) V93 PXT V213 COLIN HCM J193 J121 CHS J79 OMN MLB BLUFI–STAR	
	or	
	(Water–Turboprops) V93 PXT V213 COLIN HCM ILM AR21 CRANS HIILL FATHR GISSH–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FISEL (RNAV)–STAR	
	or	
	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN GISSH–STAR	
	or	
	(Water–Turboprops–GPS or DME/DME–IRU equipped) V93 PXT V213 COLIN HCM ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Water–Turbojets) DAILY J61 HUBBS KEMPR ILM AR21 CRANS HILL FATHR GISSH–STAR	
Fort Myers (FYM, RSW)	(Turbojets–GPS or DME/DME–IRU equipped) HAFNR GVE J75 DUNKN SHFTY (RNAV)–STAR	
	or	
	(WATER–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Hartford (HFD)	SWANN-DP OOD J42 RBV J222 JFK DPK MAD V1	1100–0300
Islip (ISP)	PALEO-DP SIE J121 SARDI CCC	1100–0300
Jacksonville (JAX)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79 CHS SSI–STAR	
Kansas City (MCI)	TERPZ (RNAV)–DP LDN J134 HNN J134 STL MCM BRAYMER–STAR	1100–0300
	or	
	LDN J134 HNN J134 STL MCM BRAYMER–STAR	1100–0300
Louisville (SDF)	(RNAV only) TERPZ DP LDN J134 COLNS J6 HVQ J6 UNCKL DARBY–STAR	
	or	
	LDN J134 COLNS J6 HVQ J 6 UNCKL DARBY–STAR	
Memphis (MEM)	(RNAV only) TERPZ–DP LDN J134 COLNS J6 HVQ J6 BWG LTOWN (RNAV)–STAR	1100–0300
	or	
	LDN J134 COLNS J6 HVQ J6 BWG LTOWN (RNAV)–STAR	1100–0300

Terminals	Route	Effective Times (UTC)
Miami (MIA, TMB, HST)	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Turboprops) V93 PXT V213 COLIN HCM J193 J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Water–Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
	or	
	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water–Turboprops–GPS or DME/DME–IRU equipped) V93 PXT V213 COLIN HCM J193 CVI DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Water–Turboprops) V93 PXT V213 COLIN HCM J193 CVI DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
Nashville (BNA)	(RNAV only) TERPZ–DP LDN J134 COLNS J6 HVQ J6 YOCKY GUITR–STAR	1100–0300
	or	
	LDN J134 COLNS J6 HVQ J6 YOCKY GUITR–STAR	1100–0300
Newark (EWR)	SWANN–DP V445 DQO DYLIN–STAR	1100–0300
	or	
	(GPS or DME/DME IRU equipped) SWANN–DP V445 DQO PHLBO (RNAV)–STAR	1100–0300
Orlando Executive (ORL)	(GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD(RNAV)–STAR	1100–0400
Orlando Intl (MCO)	(Water–Turbojets) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC APOLO ORL	
	or	
	(GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Phoenix Sky Harbor (PHX)	TERPZ(RNAV)–DP LDN J134 HNN J134 LBL J19 ZUN EAGUL (RNAV)–STAR	1100–0300
	or	
	LDN J134 HNN J134 LBL J19 ZUN BUNTR–STAR	1100–0300
Providence (PVD)	SWANN-DP OOD J42 RBV HTO GREEN–STAR	1100–0400
	or	
	(Turbojets, Non–Advanced Nav only) SWANN–DP OOD J42 RBV HTO V268 MINNK	1100–0400
Savannah (SAV)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79 CHS	
St. Louis (STL)	TERPZ (RNAV)–DP LDN J134 HNN J134 FLM PXV QBALL–STAR	1100–0300
	or	
	LDN J134 HNN J134 FLM PXV QBALL–STAR	1100–0300
Teterboro (TEB)	(Turbojets, Non–Advanced Nav Only) JERES J227 J49 J70 LVZ LVZ–STAR	1100–0300

Terminals	Route	Effective Times (UTC)
West Palm Beach (PBI)	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR	1100–0300
	or	
	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI–STAR	1100–0300
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID FRWAY (RNAV)–STAR	
	or	
	(Water–Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
White Plains (HPN)	SWANN–DP OOD J150 CYN BOUNO–STAR	1100–0300
Windsor Locks (BDL)	SWANN–DP ODD J42 RBV J222 JFK DPK–STAR	1100–0300
From **WASHINGTON DULLES (IAD)** only		
Albany (ALB)	SWANN V268 BROSS J42 RBV LGA LGA055 V487 CANAN V130	1100–0400
Boca Raton (BCT)	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR	
	or	
	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI–STAR	
	or	
	(Water–Turbojets GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR	
	or	
	(Water–Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Bridgeport (BDR)	AML091 PALEO V44 SIE J121 MAD193 KEYED	1100–0400
Charleston (CHS)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79 CHS	1100–0400
Chicago (MDW)	AML J149 FWA GOSHEN–STAR	
Chicago (ORD)	AML J149 ROD WATSN (RNAV)–STAR	
	or	
	AML J149 FWA KNOX–STAR	
Dallas/Fort Worth (DFW)	(RNAV only) BLUES LDN J134 COLNS J6 HVQ J6 LIT BONHAM–STAR	1100–0300
	or	
	LDN J134 COLNS J6 HVQ J6 LIT BONHAM–STAR	1100–0300
Dayton (DAY)	AML J149 HACKS APE DANEI–STAR	1100–0400
Denver (DEN)	(RNAV only) BLUES LDN J134 HNN J134 STL J110 GCK J154 RYLIE DANDD–STAR	1100–0300
	or	
	LDN J134 HNN J134 STL J110 GCK J154 RYLIE DANDD–STAR	1100–0300
Detroit Metro Wayne Co (DTW)	AML J149 SINDE GEMNI–STAR	
	or	
	MCRAY J518C DJB DJB314 GEMNI GEMNI–STAR	
Fort Lauderdale (FLL)	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FISEL (RNAV)–STAR	
	or	
	(Turbojets) DAILY J61 HUBBS J193 J121 CHS J79 OMN GISSH–STAR	
	or	
	(Turboprops) DAILY J61 HUBBS J193 J121 CHS J79 VRB BLUFI–STAR	
	or	

Terminals	Route	Effective Times (UTC)
	(Water–Turboprops–GPS or DME/DME–IRU equipped) DAILY J61 EDDYS J174 ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Water–Turboprops) DAILY J61 EDDYS J174 ILM AR21 CRANS FATHR GISSH–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR	
	or	
	(Water–Turbojets) DAILY J61 HUBBS KEMPR ILM AR21 CRANS FATHR GISSH–STAR	
Fort Myers (FMY, RSW)	(Turbojets–GPS or DME/DME–IRU equipped) HAFNR GVE J75 DUNKN SHFTY (RNAV)–STAR	
	or	
	(WATER–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR WETRO ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Hartford (HFD)	SWANN V268 BROSS J42 RBV J222 JFK DPK MAD V1	1100–0300
Islip (ISP)	AML091 PALEO V44 SIE J121 SARDI CCC	1100–0400
Jacksonville (JAX)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN CHS SSI–STAR	
Kansas City (MCI)	(RNAV only) BLUES LDN J134 HNN J134 STL MCM BRAYMER–STAR	1100–0300
	or	
	LDN J134 HNN J134 STL MCM BRAYMER–STAR	1100–0300
Louisville (SDF)	(RNAV only) BLUES LDN J134 COLNS J6 HVQ J6 UNCKL DARBY–STAR	1100–0300
	or	
	LDN J134 COLNS J6 HVQ J6 UNCKL DARBY–STAR	1100–0300
Memphis (MEM)	(RNAV only) BLUES LDN J134 COLNS J6 HVQ J6 BWG LTOWN (RNAV)–STAR	1100–0300
	or	
	LDN J134 COLNS J6 HVQ J6 BWG WLDER–STAR	1100–0300
Miami (MIA)	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Turboprops) V93 PXT V213 COLIN HCM J193 J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
Nashville (BNA)	(RNAV only) BLUES LDN J134 COLNS J6 HVQ J6 YOCKY GUITR–STAR	1100–0300
	or	
	LDN J134 COLNS J6 HVQ J6 YOCKY GUITR–STAR	1100–0300
Newark (EWR)	(GPS or DME/DME–IRU equipped) AML SWANN V445 DQO PHLBO (RNAV)–STAR	1100–0400
Orlando Executive (ORL)	(GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400

Terminals	Route	Effective Times (UTC)
Orlando Intl (MCO)	(Water–Turbojets) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC APOLO ORL	
	or	
	(GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Phoenix (PHX)	(RNAV only) BLUES LDN J134 HNN J134 LBL J19 ZUN EAGUL(RNAV)–STAR	1100–0300
	or	
	LDN J134 HNN J134 LBL J19 ZUN BUNTR–STAR	1100–0300
Providence (PVD)	SWANN V268 BROSS J42 RBV HTO GREEN–STAR	1100–0400
	or	
	(Turbojets, Non–Advanced Navigation) SWANN V268 BROSS J42 RBV HTO V268 MINNK	1100–0400
Savannah (SAV)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79 CHS	
St. Louis (STL)	(RNAV only) BLUES LDN J134 HNN J134 FLM PXV QBALL–STAR	1100–0300
	or	
	LDN J134 HNN J134 FLM PXV QBALL–STAR	1100–0300
Teterboro (TEB)	(Turbojets, Non–Advanced Nav Only) JERES J227 J49 J70 LVZ LVZ–STAR	1100–0300
West Palm Beach (PBI)	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID FRWAY (RNAV)–STAR	
	or	
	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI–STAR	
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR	
	or	
	(Water–Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
White Plains (HPN)	SWANN V268 BROSS J150 CYN BOUNO–STAR	1100–0400
From **WASHINGTON NATL (DCA)** only		
Albany (ALB)	SWANN V268 BROSS J42 RBV LGA LGA055 V487 CANAN V130	1100–0400
Boca Raton (BCT)	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR	
	or	
	(Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR	
	or	
	(Water–Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Boston (BOS)	(Turboprops) PALEO–DP SIE J121 HTO V308 ORW V16 WOONS	
Bridgeport (BDR)	PALEO V44 SIE J121 MAD193 KEYED	1100–0400
Charleston (CHS)	(Turbojets) DAILY J161 HUBBS J193 HCM FKN J79 CHS	
Chicago (MDW)	AML J149 FWA GOSHEN–STAR	

Terminals	Route	Effective Times (UTC)
Chicago (ORD)	AML J149 ROD WATSN (RNAV)–STAR or AML J149 FWA KNOX–STAR	
Dallas/Fort Worth (DFW)	LDN J134 COLNS J6 HVQ J6 LIT BONHAM–STAR	1100–0300
Dayton (DAY)	AML J149 HACKS APE DANEI–STAR	1100–0400
Denver (DEN)	LDN J134 HNN J134 STL J110 GCK J154 RYLIE DANDD–STAR	1100–0300
Detroit Metro Wayne Co (DTW)	AML J149 SINDE GEMNI–STAR or MCRAY J518 DJB DJB314 GEMNI GEMNI–STAR	
Fort Lauderdale (FLL)	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FISEL (RNAV)–STAR or (Water–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR ILM AR21 CRANS FISEL (RNAV)–STAR or (Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN GISSH–STAR or (Water–Turbojets) DAILY J61 HUBBS KEMPR ILM AR21 CRANS HIILL FATHR GISSH–STAR or (Water–Turboprops–GPS or DME/DME–IRU equipped) DAILY J61 EDDYS J174 ILM AR21 CRANS FISEL (RNAV)–STAR or (Turboprops) DAILY J61 HUBBS J193 J121 CHS J79 OMN MLB BLUFI–STAR or (Water–Turboprops) DAILY J61 EDDYS J174 ILM AR21 CRANS HIILL FATHR GISSH–STAR	
Fort Myers (FMY, RSW)	(Turbojets–GPS or DME/DME–IRU equipped) HAFNR GVE J75 DUNKN SHFTY (RNAV)–STAR or (WATER–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR WETRO ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Hartford (HFD)	SWANN V268 BROSS J42 RBV J222 JFK DPK MAD V1	1100–0400
Islip (ISP)	PALEO V44 SIE J121 SARDI CCC	1100–0400
Jacksonville (JAX)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79 CHS SSI–STAR	
Kansas City (MCI)	LDN J134 HNN J134 STL MCM BRAYMER–STAR	1100–0300
Louisville (SDF)	LDN J134 COLNS J6 HVQ J6 UNCKL DARBY–STAR	1100–0300
Memphis (MEM)	LDN J134 COLNS J6 HVQ J6 BWG WLDER–STAR	1100–0300
Miami (MIA, TMB, HST)	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN HILEY (RNAV)–STAR or (Water–Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY HILEY (RNAV)–STAR or (Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN ANNEY–STAR or (Water–Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	

Terminals	Route	Effective Times (UTC)
Nashville (BNA)	LDN J134 COLNS J6 HVQ J6 YOCKY GUITR–STAR	1100–0300
Newark (EWR)	(GPS or DME/DME–IRU equipped) SWANN V445 DQO PHLBO (RNAV)–STAR	1100–0400
Orlando Executive (ORL)	(GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Orlando Intl (MCO)	(Water–Turbojets) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC APOLO ORL or (GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or (GPS or DME/DME–IRU equipped) DAILY J61 HUBBS KEMPR ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Phoenix (PHX)	LDN J134 HNN J134 LBL J19 ZUN BUNTR–STAR	1100–0300
Providence (PVD)	SWANN V268 BROSS J42 RBV HTO GREEN–STAR. or (Turbojets, Non–Advanced Navigation) SWANN V268 BROSS J42 RBV HTO V268 MINK	1100–0400 1100–0400
Savannah (SAV)	(Turbojets) DAILY J61 HUBBS J193 HCM FKN J79 CHS	
St. Louis (STL)	LDN J134 HNN J134 FLM PXV QBALL–STAR	1100–0300
Teterboro (TEB)	(Turbojets, Non–Advanced Nav Only) JERES J227 J49 J70 LVZ LVZ–STAR	1100–0300
West Palm Beach (PBI)	(Turbojets–GPS or DME/DME–IRU equipped) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR or (Water–Turbojets–GPS or DME/DME IRU equipped) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID FRWAY (RNAV)–STAR or (Turbojets) DAILY J61 HUBBS J193 HCM ISO J121 CHS J79 OMN TUXXI–STAR or (Water–Turbojets) DAILY J61 HUBBS KEMPR WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
White Plains (HPN)	SWANN V268 BROSS J150 CYN BOUNO–STAR	1100–0400
WILKES–BARRE/SCRANTON (AVP)		
Cincinnati (CVG)	(RNAV only) LVZ SEG PSB MAULL KODIE CTW TIGRR (RNAV)–STAR or (all others) LVZ SEG PSB PSB281 MAULL SLT249 KODIE CTW081 CTW CINCE–STAR	
WINDSOR LOCKS (BDL)		
Atlanta (ATL)	PWL SAX J77 PTW J48 ODF WHINZ–STAR or (RNAV only) PWL SAX J77 PTW J48 ODF FLCON (RNAV)–STAR	
Baltimore (BWI)	PWL CMK J75 MXE V378 BAL	1100–0300
Boca Raton (BCT)	(Turbojets GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 ORF ISO J121 CHS J79 OMN CAYSL (RNAV)–STAR or (Turbojets) COASTAL (HI)–DP GEDIC J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR or (Water–Turbojets–GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO DIW AR19 AYBID CAYSL (RNAV)–STAR or	

Terminals	Route	Effective Times (UTC)
	(Water–Turbojets) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CAYSL	
Chicago O'Hare (ORD)	CTR CAM SYR J63 EHMAN YXU J547 FNT PAITN–STAR	1100–0300
Cincinnati (CVG)	CTR HNK J49 PSB PSB281 MAULL SLT249 KODIE CTW081 CTW CINCE–STAR	
Dallas/Ft Worth (DFW)	PWL SAX J6 LIT BYP	1100–0300
Detroit Metro Wayne Co (DTW)	CTR CAM J547 BUF BUF267 YQO094 QUO SPICA–STAR	1100–0300
Detroit Satellites: Ann Arbor (ARB), Coleman A Young Muni (DET), Pontiac (PTK), Windsor (CYQG), Willow Run (YIP)	SYR J547 YXU GOHMA–STAR	1100–0300
	or	
	SYR J547 YXU SWWAN–STAR	1100–0300
	or	
	SYR J547 YXU PICES–STAR	
	or	
	CTR CAM J547 BUF YQO	1100–0300
Fort Lauderdale (FLL, FXE, OPF)	(Water–Turbojets) COASTAL (HI)–DEP GEDIC J174 SWL CEBEE WETRO ILM AR21 CRANS HIILL FATHR GISSH–STAR	1100–0300
	or	
	(Water–Turboprops) COASTAL (HI)–DP GEDIC J174 ILM AR21 CRANS HIILL FATHR GISSH–STAR	1100–0300
	or	
	(Turbojets) COASTAL (HI)–DP GEDIC J174 ORF ISO J121 CHS J79 OMN GISSH–STAR	1100–0300
	or	
	(Turboprops) COASTAL (HI)–DP GEDIC J174 ORF J121 CHS J79 OMN MLB BLUFI–STAR	1100–0300
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO ILM AR21 CRANS FISEL (RNAV)–STAR	1100–0300
	or	
	(Water–Turboprops–GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 ILM AR21 CRANS FISEL (RNAV)–STAR	1100–0300
	or	
	(Turbojets–GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 ORF ISO J121 CHS J79 OMN FISEL (RNAV)–STAR	1100–0300
Fort Myers (RSW)	(WATER–Turbojets) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO ILM AR15 HIBAC SHFTY (RNAV)–STAR	
Miami (MIA, TMB, HST)	(Turbojets–GPS or DME/DME equipped) COASTAL (HI)–DP GEDIC J174 ORF ISO J121 CHS J79 OMN HILEY (RNAV)–STAR	
	or	
	(Turbojets) COASTAL (HI)–DP GEDIC J174 ORF ISO J121 CHS J79 OMN ANNEY–STAR	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO DIW AR22 JORAY HILEY (RNAV)–STAR	
	or	
	(Water–Turbojets) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO DIW AR22 JORAY OSOGY ENVOY YOSSI MILSY BOYUR HILEY KAINS	
	or	
	(Turboprops) COASTAL (HI)–DP GEDIC J174 ORF J121 CHS J79 OMN ANNEY–STAR	

Terminals	Route	Effective Times (UTC)
Minneapolis/St Paul (MSP)	CTR CAM SYR J547 BUF YWT J63 TVC J522 GRB EAU–STAR	1100–0300
Orlando Exec (ORL)	COASTAL (HI)–DP GEDIC J174 ORF J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO ILM AR15 HIBACK CWRLD (RNAV)–STAR	1100–0400
Orlando Intl (MCO)	COASTAL (HI)–DP GEDIC J174 ORF J121 CHS J79 OMN BITHO–STAR	1100–0300
	or	
	(Water–Turbojets) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO ILM AR15 HIBAC APOLO ORL	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 ORF J121 CHS J79 OMN CWRLD (RNAV)–STAR	1100–0400
	or	
	(GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO ILM AR15 HIBAC CWRLD (RNAV)–STAR	1100–0400
Philadelphia (PHL)	COASTAL–DP SHERL J121 BRIGS VCN–STAR	1100–0300
Pittsburgh (PIT)	CTR HNK HNK271 J190 SLT GRACE–STAR	1100–0300
Raleigh–Durham (RDU)	PWL CMK J75 GVE SBV	1100–0300
St. Louis (STL)	PWL SAX J80 VHP VLA–STAR	1100–0300
Tampa (TPA)	PWL CMK J75 TAY LZARD–STAR	1100–0300
Washington Dulles (IAD)	PWL SAX J6 LRP DELRO–STAR	1100–0300
Washington Natl (DCA)	COASTAL–DP GEDIC J174 ATR085 ATR V308 BILIT	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 ATR085 ATR V308 LAFLN BILIT (RNAV)–STAR	
West Palm Beach (PBI)	(Turbojets–GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 ORF ISO J121 CHS J79 OMN FRWAY (RNAV)–STAR	1100–0300
	or	
	(Water–Turbojets) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO DIW AR19 AYBID MIMMI NEUBE SWOMP SANZZ CASKI	
	or	
	(Water–Turbojets–GPS or DME/DME–IRU equipped) COASTAL (HI)–DP GEDIC J174 SWL CEBEE WETRO DIW AR19 AYBID FRWAY (RNAV)–STAR	
	or	
	(Turbojets) COASTAL (HI)–DP GEDIC J174 ORF ISO J121 CHS J79 OMN TUXXI–STAR	1100–0300

SPECIAL HIGH ALTITUDE DIRECTIONAL ROUTES

Terminals	Route	Effective Times (UTC)
Traffic overflying Atlanta Center Eastbound originating South of a line from DFW to JFK:		
GRD J209 RDU J207 FKN J79 JFK DPK DPK-STAR		
BOS	(Jet only) GRD J209 RDU J207 FKN J79 JFK ORW–STAR or (Prop only) SIE J121 HTO V308 ORW V16 WOONS	
BWI	SPA J14 RIC OTT-STAR or (GPS or DME/DME–IRU equipped) SPA J14 RIC RAVNN (RNAV)STAR	
DCA	SPA J14 RIC IRONS–STAR or (GPS or DME/DME–IRU equipped) SPA J14 RIC OJAAY (RNAV)–STAR	
EWR	SPA J14 J15 FAK DYLIN–STAR	
IAD	SPA J14 J51 FAK COATT-STAR	
JFK	GRD J209 ORF J121 SIE CAMRN-STAR	
LGA	AHN J208 HPW J191 PXT KORRY–STAR	
PHL	SPA J14 J51 FAK DPNT-STAR	
Traffic originating East of Chicago Terminating Denver:		
DJB	J60 IOW DSM J144 OBH J10 LBF SAYGE–STAR	1300–0100
BAE	J16 MCW ONL J114 SNY LANDR–STAR	
STL	STL J110 GCK J154 RYLIE DANDD–STAR	1300–0100
Traffic overflying Cleveland Center and South of SLT:		
HPN	(Above 250 kts) SLT J190 CFB DNY280 DNY VALRE-STAR or PSB J49 CFB220 CFB DNY280 DNY VALRE-STAR or (250 kts or less) SLT J190 CFB DNY280 DNY NOBBI-STAR or PSB J49 CFB220 CFB DNY280 DNY NOBBI-STAR	
Traffic originating South of Wilmington, NC:		
ILM J109 FAK DYLIN–STAR	1100–0300	

Terminals	Route	Effective Times (UTC)
JFK	ORF J121 SIE CAMRN-STAR	1100–0300
LGA	ILM TYI HPW J191 PXT KORRY–STAR	1100–0300
Traffic overflying Indianapolis Center area Eastbound:		
BOS	ROD J29 J82 ALB GDM GDM-STAR	1100–0300
JFK	ROD J29 J70 LVZ LENDY-STAR	1100–0300
LGA	ROD J29 J146 MIP-STAR	1100–0300
	or	
	BKW J42 GVE KORRY–STAR	1100–0300
PHL	ROD J152 HAR V210 BUNTS	1100–0300
	or	
	BKW J42 GVE DPNT-STAR	1100–0300
PIT	APE CTW V443 WISKE	
	or	
	HNN JPU V117 WISKE	
TEB/MMU/CDW SATELLITES	(Non–Advanced Nav Aircraft only) ROD J29	
	JHW J70 LVZ LVZ–STAR	
Traffic overflying Indianapolis Center area Eastbound originating North and West of a line from DFW to JFK:		
ABE	RID CXR H146	
ACY	ROD J152 HAR LRP DQO ENO SIE	
BDL	ROD J29 JHW J82 WILET RKA SWEDE-STAR	
BWI	ROD J152 J162 MGW EMI-STAR	
CEF	ROD J29 JHW J82 ALB	
FRG	ROD J29 JHW J82 J522 HNK IGN V58 V91	
	CCC	
HPN	(Above 250 kts) ROD J29 JHW J82 WILET	
	DNY VALRE-STAR	
	or	
	(250 kts or less) ROD J29 JHW J82 WILET	
	DNY NOBBI-STAR	
ISP	(Above 250 kts) ROD J152 J178 PSB J49	
	HNK J68 V130 TOMES MAD V34 CREAM V16	
	CCC	
	or	
	(250 kts or less) ROD J152 J78 PSB J49	
	HNK DNY LOVES–STAR	
TEB/MMU/CDW/LDJ	ROD J29 JHW J70 LVZ-STAR	
Traffic overflying Indianapolis Center area Eastbound originating South and East of a line from DFW to JFK:		
ABE	BKW LDN LDN031 V377 HAR V162 DUMMR.	
ACY	BKW J42 OTT SIE	
BWI	BKW J147 CSN OTT-STAR	
	or	
	(GPS or DME/DME–IRU equipped) BKW J147	
	CSN RAVNN (RNAV)–STAR	
DAA	BKW J213 V143 V4 AML	
DCA/ADW	BKW WZRRD–STAR	
	or	
	BKW ELDEE (RNAV)–STAR	
DOV	BKW J42 GVE ENO-STAR	
HPN	BKW J42 OOD J150 CYN BOUNO-STAR	
IAD	BKW ROYIL–STAR	1100–1830 and 2230–0300
	or	
	BKW SHNON (RNAV)–STAR	1100–1830 and 2230–0300
	or	
	GSO J14 CREWE J51 FAK COATT–STAR	1830–2230
	or	
	GSO J14 CREWE J51 FAK BARIN	
	(RNAV)–STAR	1830–2230
LFI	BKW J42 MOL J24 HCM	
NSF	BKW J213 FINKS AML259 AML	
PHL	BKW J42 GVE DPNT-STAR	
TEB/MMU/CDW/LDJ	(Advanced–Nav Aircraft only) BKW J42 GVE	
	JAIKE–STAR	
WRI	BKW J42 OTT SIE–STAR	

Terminals	Route	Effective Times (UTC)
Traffic overflying Indianapolis (ZID) or Cleveland Centers (ZOB) landing in the Washington Metropolitan Area:		
BWI	MGW EMI-STAR	1100–0300
	or	
	BKW J147 CSN OTT-STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) BKW J147	
	CSN RAVNN (RNAV)–STAR	1100–0300
DCA	APE J30 BUCKO BUCKO–STAR	1100–0300
	or	
	BKW FINKS–STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) APE J30	
	BUCKO ELDEE (RNAV)–STAR	1100–0300
	or	
	(GPS or DME/DME–IRU equipped) BKW	
	ELDEE (RNAV)–STAR	1100–0300
	APE J30 SHAAR WZRRD–STAR	
	or	
	or	
	APE J30 SHAAR ELDEE	
	or	
	BKW ELDEE (RNAV)–STAR	
	or	
IAD	APE AIR MGW MGW121 VERNI ESL	
	ROYIL–STAR	
	or	
	BKW ROYIL–STAR	
	or	
	HVQ ROYIL–STAR	
	or	
	(GPS or DME/DME–IRU equipped) APE AIR	
	MGW VERNI ESL SHNON (RNAV)–STAR	
	or	
	BKW SHNON (RNAV)–STAR	
	or	
	HVQ SHNON (RNAV)–STAR	
Traffic overflying Elwood City VORTAC (EWC) Northbound:		
ROC	EWC EWC050130 GEE	
BUF	EWC DKK DKK020 WELLA	
SYR	EWC EWC050130	
Traffic entering ZBW originating South and West of a line from HNK to ROC landing HYA/ACK/MVY:		
J16	J16 ALB ENE V167 LFV	1100–0300
J94	J94 ALB ENE V167 LFV	1100–0300
J82	J82 ALB ENE V167 LFV	1100–0300
J190	J190 ALB ENE V167 LFV	1100–0300
HNK	HNK ENE V167 LFV	1100–0300
Traffic entering ZBW via RBV or JFK landing HYA:		
RBV	J62 MVY241 MVY	
	or	
	FLAPE MVY	1100–0300
JFK	J79 MVY241 MVY	
	or	
	FLAPE MVY	1100–0300
Traffic entering ZBW via RBV or JFK landing MVY:		
RBV	LIBBE FLAPE MVY	1100–0300
JFK	J79 MVY241 MVY	
	or	
	LIBBE FLAPE MVY	1100–0300
Traffic entering ZBW via RBV or JFK landing ACK:		
RBV	J62 ACK	
	or	
	FLAPE CLAMY ACK	1100–0300
	or	

Terminals	Route	Effective Times (UTC)
1100–0300		
	J79 J62 ACK	
	or	
	FLAPE CLAMY ACK	1100–0300
	or	
	RIFLE DEEPO (RNAV)–STAR	1100–0300
Traffic entering ZBW via J174 or J121 landing HYA:		
J121	J121 SHLEP J62 MVY241 MVY	
	or	
	J121 SHLEP LIBBE FLAPE MVY	1100–0300
J174	J174 RIFLE J62 MVY241 MVY	
	or	
	J174 RIFLE FLAPE MVY	1100–0300
Traffic entering ZBW via J174 or J121 landing MVY:		
J121	J121 SHLEP J62 MVY241 MVY	
	or	
	J121 SHLEP LIBBE FLAPE MVY	1100–0300
J174	J174 RIFLE J62 MVY241 MVY	
	or	
	J174 RIFLE LIBBE FLAPE MVY	1100–0300
Traffic entering ZBW via J174 or J121 landing ACK:		
J121	J121 SHLEP J62 ACK	
	or	
	J121 SHLEP FLAPE CLAMY	1100–0300
J174	J174 RIFLE J62 ACK	
	or	
	J174 RIFLE FLAPE CLAMY	1100–0300
	or	
	J174 RIFLE DEEPO (RNAV)–STAR	1100–0300

HIGH ALTITUDE—SINGLE DIRECTION ROUTES

Airway	Segment Fixes	Direction Effective	Effective Times (UTC)
J6	Lancaster, PA to Little Rock, AR	Southwest	1100–0300
J8	Charleston, WV to Casanova, VA	East	1100–0300
J14	Greensboro, NC to Richmond, VA	Northeast	1100–0300
J22	Montebello, VA to Pulaski, VA	Southwest	1100–0300
J30	Joliet, IL to TRIXY Int., VA	East	1100–0300
J34	Bellaire, OH to TRIXY Int., VA	East	1100–0300
J37	Coyle, NJ to Spartanburg, SC	Southwest	1100–0300
J40	Wilmington, NC to Richmond, VA	North	1100–0300
J42	Texarkana, AR to Robbinsville, NJ	Northeast	1100–0300
J48	Pottstown, PA to Foothills, GA	Southwest	1100–0300
J51	Columbia, SC to Yardley, NJ	Northeast	1100–0300
J52	Columbia, SC to Richmond, VA	Northeast	1100–0300
J55	Florence, SC to HUBBS Int., VA	Northeast	1100–0300
J61	Philipsburg, PA to EDDYS Int., VA	South	1100–0300
J75	Modena, PA to Greensboro, NC	Southwest	1100–0300
J109	Wilmington, NC to Buffalo, NY	North	1100–0300
J134	Linden, VA to Henderson, WV	West	1100–0300
J147	Beckley, WV to Casanova, VA	Northeast	1100–0300
J149	Armel, VA to Rosewood, OH	West	1100–0300
J150	Gordonsville, VA to Hampton, NY	East	1100–0300
J162	Bellaire, OH to Martinsburg, WV	East	1100–0300
J165	Charleston, SC to Richmond, VA	North	1100–0300
J191	Wilmington, NC to Robbinsville, NJ	North	1100–0300
J193	HUBBS Int., VA to Wilmington, NC	South	1100–0300
J207	Florence, SC to Franklin, VA	Northeast	1100–0300
J208	Athens, GA to Hopewell, VA	Northeast	1100–0300
J209	Greenwood, SC to Norfolk, VA	Northeast	1100–0300
J211	Westminster, MD to Johnstown, PA	Northwest	1100–0300
J213	Beckley, WV to Armel, VA	East	1100–0300
J518	Baltimore, MD to Indian Head, PA	Northwest	1100–0300

Q–ROUTES REGULATORY

Q1, Q3, Q5, Q7, Q9 and Q11 are preferred single direction (Southbound) Q routes; flight planning Northbound not authorized.

Q routes are RNAV routes that require the use of GNSS or DME/DME/IRU RNAV, unless otherwise indicated. Please note that this section does not apply to Q routes in the Gulf of Mexico. Gulf of Mexico Q routes are explained in the Southeast and South Central A/FD volumes. Q routes listed in this AF/D volume have at least part of one of their leg segments within this volume's area of coverage.

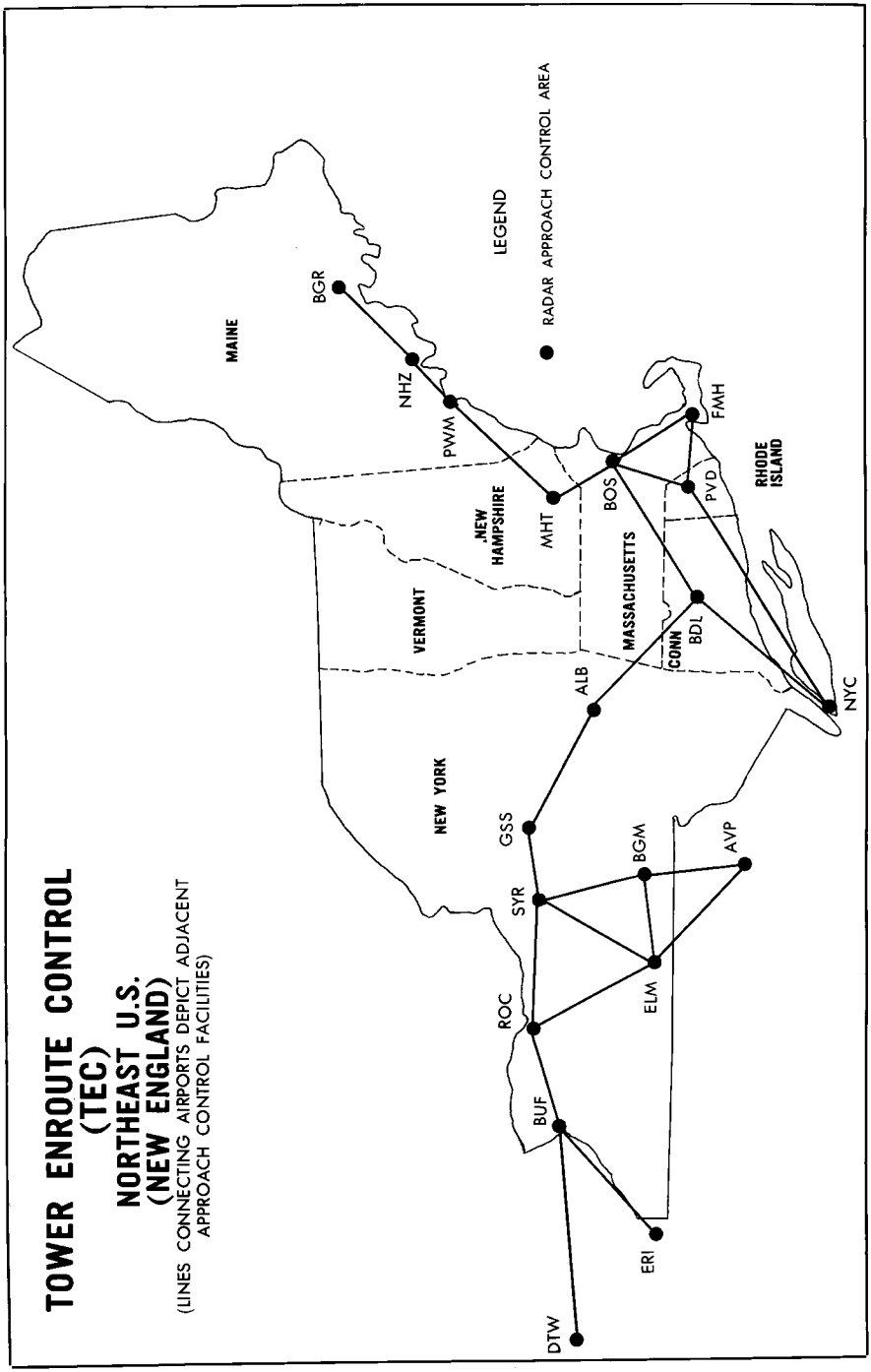
GNSS and DME/DME/IRU RNAV operations are authorized along Q routes at FL 180 and above. GNSS and DME/DME/IRU RNAV MEAs will only be published if above FL 180.

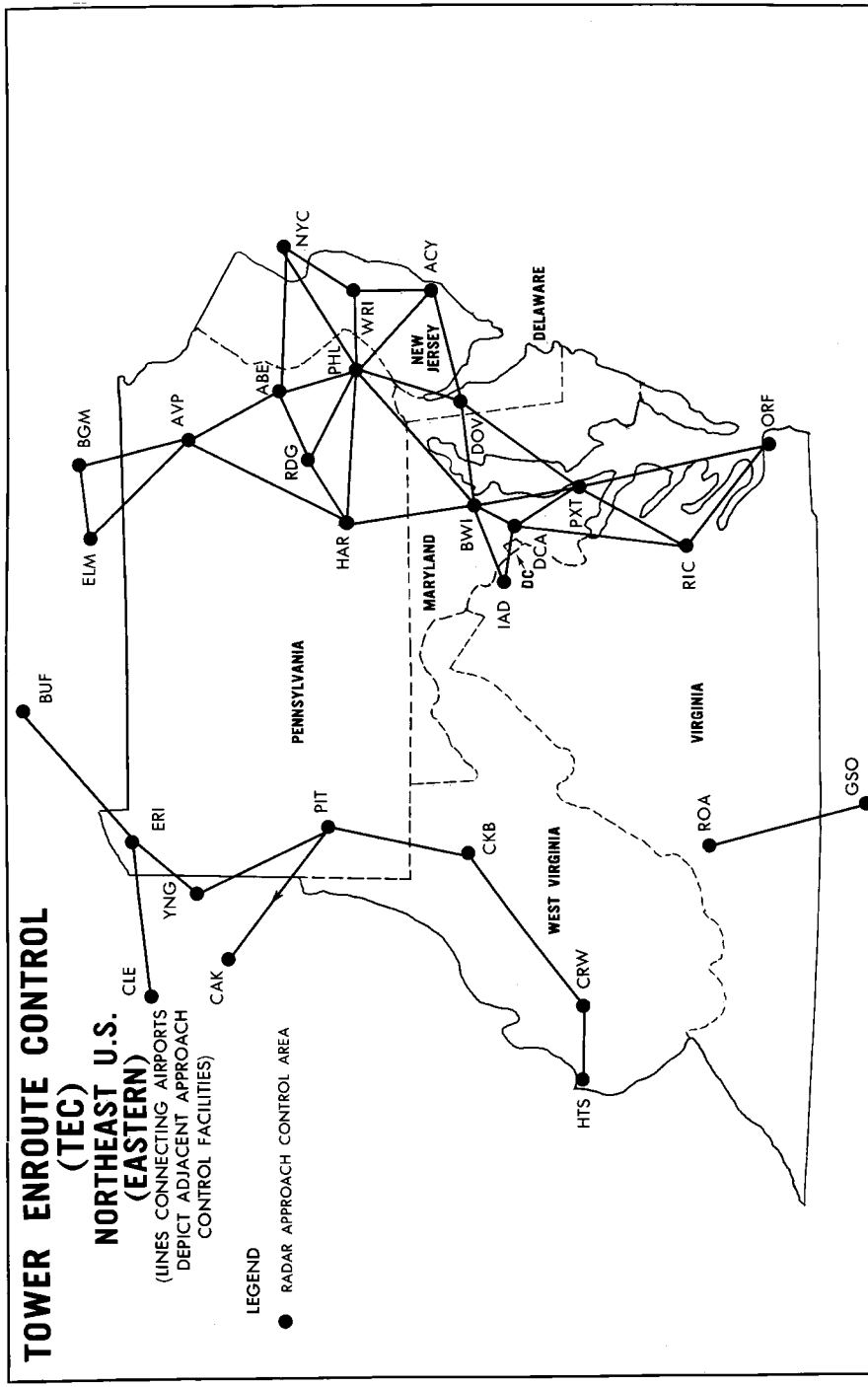
DME facilities that have been assessed for RNAV operations are listed below. Q routes with no DME facilities listed are limited to GNSS RNAV operations only. Those routes will have an enroute chart note ''GNSS REQUIRED''.

Route	Segment	DME
Q1	ELMAA–ERAVE	BTG, OLM, HQM, HUH, UBG
	ERAVE–EASON	BTG, OLM, HQM, HUH, LTJ, CVO, DSD, OED, UBG, ONP, EUG
	EASON–EBINY	CVO, DSD, OED, BTG, UBG, ONP, EUG, LMT
	EBINY–ENVIE	CVO, OED, EUG, LMT, RBL, ENI, ONP, FJS
	ENVIE–ETCHY	OED, PYE, OAK, LIN, ECA, LMT, RBL, ENI, SAC, FJS
	ETCHY–POINT REYES	LIN, ECA, RBL, ENI, SAC, OAK
Q2	BOILE–HEDVI	HEC, PDZ, OCN, PMD, LAX, RZS, IPL, TRM, PKE, BLH, EED, BZA, GBN, PXR
	HEDVI–HOBOL	BZA, GBN, BLH, EED, PXR, IPL, TFD, DRK, TUS
	HOBOL–ITUCO	TFD, GBN, BLH, PXR, TUS, CIE, SSO
	ITUCO–NEWMAN	EWM, TFD, PXR, CIE, SSO, TUS, TCS
Q3	FEPOT–FAMUK	OLM, TOU, HQM, CVO, BTG, DSD, LTJ, UBG, ONP, EUG
	FAMUK–FRFLY	BTG, DSD, OED, CVO, EUG, ONP, UBG, RBL, LMT
	FRFLY–FINER	OED, EUG, RBL, LMT, ENI, CVO, FJS
	FINER–FOWND	OED, PYE, ECA, LIN, OAK, ENI, RBL, LMT, SAC, FJS
	FOWND–POINT REYES	LIN, ECA, PYE, RBL, SAC, ENI
Q4	BOILE–HEDVI	HEC, PDZ, OCN, PMD, LAX, RZS, IPL, TRM, PKE, BLH, EED, BZA, GBN, PXR
	HEDVI–SCOLE	EED, BLH, BZA, GBN, TRM, IPL, TFD
	SCOLE–SPTFR	EED, BLH, BZA, GBN, TRM, IPL, TFD
	SPTFR–ZEBOL	EED, IPL, BZA, GBN, TFD, PXR, BLH
	ZEBOL–SKTTR	PXR, BLH, BZA, GBN, TFD, TUS, SSO, CIE, SVC, TCS
	SKTTR–EL PASO	EWM, CUS, SVC, TCS, SSO, CIE, ELP, DMN, CME
Q5	HAROB–HISKU	OLM, ONP, CVO, EUG, HQM, UBG, BTG, LTJ, DSD, HUH
	HISKU–HARPR	ONP, CVO, EUG, LTJ, DSD, UBG, BTG, RBL, OED, LMT, FJS, LKV
	HARPR–HOMEG	CVO, EUG, OED, RBL, LMT, ENI, FJS, LKV
	HOMEG–HUPTU	SAC, PYE, LIN, OAK, ECA, LMT, RBL, ENI, OED, FJS
	HUPTU–STIKM	OAK, ECA, PYE, LIN, SAC, ENI, RBL
Q7	JINMO–JOGEN	CVO, HQM, LTJ, UBG, BTG, ONP, IMB, EUG, OLM, DSD, YKM, PDT, SEA
	JOGEN–JUNEJ	LTJ, IMB, UBG, EUG, CVO, RBL, LMT, FMG, DSD, LKV, OED, BTG
	JUNEJ–JAGWA	RBL, LMT, FMG, LIN, SAC, ECA, ENI, MOD, SWR, OAK, LKV, CZQ, AVE, SNS
	JAGWA–AVENAL	OAK, MOD, ECA, EHF, PRB, AVE, SNS, CZQ
Q9	SUMMA–SMIGE	OLM, UBG, SEA, YKM, BTG, ONP, IMB, HQM, PDT, EUG, LTJ, CVO, DSD, OED, EPH, MWH
	SMIGE–SUNBE	IMB, UBG, EUG, IMB, RBL, LMT, FMG, SAC, OED, CVO, LKV, DSD, BTG
	SUNBE–REBRG	RBL, LMT, FMG, SAC, ECA, MVA, CZQ, OAK, EHF, PMD, LKV, LIN, MOD, AVE, OED, SWR
	REBRG–DERBB	CZQ, PMD, EHF, LAX, RZS, AVE, MOD, ECA
Q11	PAAGE–PAWLI	EPH, UBG, CVO, EUG, HQM, YKM, OLM, PDT, BTG, ONP, IMB, LTJ, DSD, LKV, OED, SEA
	PAWLI–PITVE	EUG, FMG, SAC, IMB, LKV, OED, DSD, RBL, LMT, CVO, REO
	PITVE–PUSHH	FMG, SAC, LIN, SWR, MOD, OAL, RBL, LKV, LMT, MVA, CZQ
	PUSHH–LOS ANGELES	SAC, ECA, FMG, LIN, OAL, MOD, EHF, LAX, PMD, PDZ, HEC, OCN, CZQ, AVE, RZS
Q13	All segments	None; GNSS required
Q15	All segments	None; GNSS required
Q19	PLESS–NASHVILLE	ENL, GQO, PXV, BNA, IIU, FAM, BWG, CSX
Q20	CORONA–HONDS	CNX, ABQ, ACH, ONM, TXO, LVS, TCC, CME
	HONDS–UNNOS	CNX, INK, CME, TXO, TCC
	UNNOS–FUSCO	FST, ACH, INK, CME, SJT, TXO, TCC
	FUSCO–JUNCTION	ABI, CWK, CSI, INK, LZZ, JCT, SJT, STV, FST
Q21	JONEZ–RAZORBACK	BYP, EOS, TUL, TXK, ADM, RZC, OKM
Q22	GUSTI–OYSTY	AEX, DAS, MCB, LLA, BTR, LCH, HRV, LFT, LEV
	OYSTY–ACMES	RQR, GCV, MCB, BTR, PCU, GPT, HRV, LEV, SJI
	ACMES–CATLN	SJI, MGM, MCB, BFM, GPT, GCV, HRV, CEW, MVC, PCU, MEI

Route	Segment	DME
Q23	FORT SMITH–RAZORBACK	OKM, RZC, EOS, TUL
Q24	LAKE CHARLES–BATON ROUGE	AEX, DAS, LCH, MCB, LFT, BTR
	BATON ROUGE–IRUBE	AEX, LEV, MCB, LCH, RQR, HRV, BTR, GCV, MCB, PCU, SJI, LBY
	IRUBE–PAYTN	GCV, MCB, JYU, PCU, MEI, HRV, CEW, SJI
Q25	MEEOW–WALNUT RIDGE	ELD, MEM, LIT, FAM, RZC
	WALNUT RIDGE–WLSUN	MEM, STL, BWG, PXV, ENL, FAM, ARG, BNA, CSX, TTH
	WLSUN–POCKET CITY	BWG, PXV, ENL, BNA, TTH
Q26	WALNUT RIDGE–DEVAC	LIT, JKS,GQO, MEM, BNA, FAM, ARG, DYR, VUZ, RMG
Q27	FORT SMITH–ZALDA	OKM, SGF, RZC, EOS, TUL
Q28	GRAZN–PYRMD	EIC, LIT, ELD, OKM, TXK
	PYRMD–HAKAT	ARG, LIT, FAM, ELD, SGF, RZC, MEM, TXK
	HAKAT–ESTEE	ARG, LIT, FAM, SGF, MEM
	ESTEE–POCKET CITY	ARG, CSX, FAM, PXV, ENL, MEM, STL, BWG, TTH, BNA
Q29	HARES–MEMPHIS	MEM, ARG, LIT, JAN, ELD, SQS
	MEMPHIS–SIDAE	MEM, PXV, BNA, BWG, ARG, ENL
	SIDAE–POCKET CITY	PXV, TTH, BWG, ENL
Q30	SIDON–VULCAN	GLH, MEM, VUZ, JAN, JYU, MEI, MGM, SQS, RMG
Q31	DHART–JODOX	SQS, LIT, TXK
	JODOX–MARVELL	SQS, LIT, ELD, MEM, ARG
	MARVELL–TIIDE	ARG, BWG, PXV, FAM, LIT, MEM, ENL, TTH
	TIIDE–POCKET CITY	BWG, PXV, ENL, TTH
Q32	EL DORADO–GAGLE	AEX, JAN, MEM, SQS, SWB, ELD, LIT, TXK
	GAGLE–CRAMM	JAN, SQS, MEM, ARG, VUZ, BNA, LIT
	CRAMM–NASHVILLE	BWG, MEM, VUZ, BNA, GQO
	NASHVILLE–SWAPP	BWG, IIU, PXV, VXV, BNA, GQO
Q33	DHART-LITTLE ROCK	AEX, ELD, LIT, TXK, SWB, ARG, MEM, SQS
	LITTLE ROCK–PROWL	ELD, SGF, FAM, LIT, ARG, MEM, RZC, CSX, STL
Q34	TEXARKANA–MATIE	LIT, SWB, TXK, BYP, EIC, ELD, SQS
	MATIE–MEMPHIS	LIT, ARG, MEM, ELD, SQS
	MEMPHIS–SWAPP	BWG, ARG, MEM, MKL, SQS,PXV, BNA, GQO, IIU, VXV
Q35	KIMBERLY–NEERO	LTJ, PDT, DSD, IMB, LKV, BOI, REO, BAM, SDO
	NEERO–WINEN	BQU, SDO, BAM, REO, BVL, ILC, DTA, ELY, CDC, MLF, BCE
	WINEN–CORKR	CDC, BCE, BLD, ILC, MLF, TBC, PGS, INW, DRK
	CORKR–DRAKE	TBC, BCE, BLD, DRK, PGS, FLG, GCN, INW, TFD
Q36	RAZORBACK–TWITS	RZC, MEM, SGF, BUM, TUL, EOS, FAM, ARG, LIT
	TWITS–DEPEC	MEM, GQO, BNA, BWG, FAM, ARG, PXV, IIU
	DEPEC–NASHVILLE	GQO, BWG, BNA, PXV, IIU
	NASHVILLE–SWAPP	VXV, BWG, BNA, GQO, PXV, IIU
Q38	ROKIT–INCIN	DAS, LCH, SWB, IAH, LFK, HUB, AEX
	INCIN–LAREY	JAN, MCB, SWB, AEX
	LAREY–BESOM	JAN, JYU, MEI, SQS, VUZ
Q40	ALEXANDRIA–DOOMS	AEX, SWB, LCH, JAN, HEZ, MCB
	DOOMS–WINAP	JAN, SQS, MEI, MCB
	WINAP–MISLE	MEI, VUZ, JYU
Q42	KIRKSVILLE–STRUK	CID, IOW, UIN, LMN, IRK, BDF, STL, DEC, ENL, CSX
	STRUK–DANVILLE	ENL, IOW, UIN, BDF, DEC, STL, CSX, SPI, TTH, BVT, JOT, VHP, OXI, ENL, OKK, OBK, GIJ, FWA, GSH, IRK
	DANVILLE–MUNCIE	GIJ, SPI, BDF, OBK, OKK, VHP, BVT, DEC, GSH, FWA, JOT, TTH, OXI, ROD, FLM
	MUNCIE–HIDON	FLM, VHP, GSH, TTH, GIJ, OKK, FWA, ROD, OXI, CRL, GSH, APE, DJB, DXO, HNN, AIR, HVQ, CXR, EWC
	HIDON–BUBAA	AIR, APE, HNN, CXR, HVQ, EWC, DJB
	BUBAA–PSYKO	AIR, APE, DJB, CXR, HNN, EWC, SLT, CSN, JHW, ETG, PSB
	PSYKO–BRNAN	PSB, JHW, EWC, AIR, ETG, CSN, EMI, SLT
	BRNAN–MAALS	EMI, SLT, CSN, EWC, PSB, ETG, SAX, RBV, HNK, HUO, SIE
	MAALS–SUZIE	ETG, EMI, CSN, HUO, SIE, JFK, PSB, SLT, HNK
	SUZIE–EAST TEXAS	JFK, EMI, PSB, SLT, HNK, SIE, RBV, SAX, HUO, CYN
	EAST TEXAS–ELIOT	HUO, RBV, EMI, CYN, SAX, JFK, PSB, HNK
Q104	DEFUN–HEVVN	PIE, PZD, CRG, SZW, TAY, JYU, CEW, MGM, OTK, CRG
	HEVVN–PLYER	PIE, ORL, OMN, SRQ, TAY, LAL, CRG, SZW, PZD
	PLYER–SWABE	PIE, ORL, OMN, SRQ, TAY
	SWABE–ST PETERSBURG	LAL, ORL, OMN, SRQ, PHK, PIE
	ST PETERSBURG–CYPRESS	PHK, PBI, SRQ, PIE, VRB, ORL, FLL, LAL, OMN

Route	Segment	DME
Q106	SMELZ–BULZI	LAL, ORL, OMN, PHK, PIE, CRG, VRB, TAY, OTK, PZD, AMG, SZW
	BULZI–DRABK	AMG, PZD, TAY, CRG, SZW, MGM, OTK, JYU, CEW, SJI
	DRABK–GADAY	MGM, PZD, OTK, JYU, SZW, CEW, SJI
Q108	GADAY–HKUNA	CEW, JYU, MGM, SZW, RRS, PZD, MAI, OTK, GEF, MGR, TAY, AMG, CRG
Q110	THNDR–JAYMC	SRQ, VRB, PHK, PIE, LAL, VKZ, ORL, PBI
	JAYMC–RVERO	VKZ, VRB, PHK, PIE, LAL, SRQ, ORL, OMN, PBI, DHP
	RVERO–KPASA	OMN, PIE, PBI, SRQ, ORL, LAL
	KPASA–BRUTS	SRQ, VRB, ORL, PHK, TAY, PIE, OMN, OTK, LAL, CRG, SZW, AMG
	BRUTS–GULFR	OMN, AMG, CRG, SZW, PIE, TAY, PZD, OTK
	GULFR–FEONA	TAY, MCN, PZD, CRG, OTK, SZW, AMG, MCN, ATL, MGM
Q112	DEFUN–HEVVN	PIE, OTK, CRG, OMN, LAL, SZW, SRQ, ORL, VRB
	HEVVN–INPIN	JYU, PZD, CEW, SZW, MGM, OTK, TAY, AMG, PIE, CRG
Q116	KPASA–BRUTS	SRQ, VRB, ORL, PHK, TAY, PIE, OMN, OTK, LAL, CRG, SZW, AMG
	BRUTS–GULFR	OMN, AMG, CRG, TAY, LAL, PZD, SZW, OTK
	GULFR–CEEYA	MCN, AMG, PZD, OTK, SZW, TAY
Q118	KPASA–BRUTS	SRQ, VRB, ORL, PHK, TAY, PIE, OMN, OTK, LAL, CRG, SZW, AMG
	BRUTS–LENIE	OMN, AMG, CRG, TAY, LAL, PZD, SZW, OTK, MCN
Q501	VIXIS–GOPHER	ECK, FNT, APN, SSM, GRR, MBL, SAW, BAE, MNM, DLL, AUW, ODI, STE, FGT,EAU, DLH, GEP, BRD, MCW, MSP, ASP, TVC, GRB, RWF
	GOPHER–SOBME	FGT, BRD, MCW, GEP, ABR, FAR, DLH, ODI, RWF, FSD
Q502	KENPA–GOPHER	SSM, FNT, ECK, APN, SAW, GRB, BAE, DLL, AUW, ODI, FGT, DLH, EAU, MCW, MSP, MNM, ASP, TVC, GEP, RWF, BRD
	GOPHER–SOBME	FGT, DLH, ODI, MCW, ABR, FAR, MSP, GEP, RWF, FSD, BRD
Q504	NOTAP–CESNA	SSM, ECK, APN, GLR, PLN, ISQ, MNM, DLL, RHI, DLH, GEP, FGT, ODI, ASP, TVC, SAW, GRB, BRD
	CESNA–HEMDI	ODI, GEP, DLH, FGT, RWF, FAR, AXN, FSD, ABR, DLL, BRD
Q505	OMAGA–RIMBE	SSM, TVC, ASP, SAW, GRB
	RIMBE–CESNA	SSM, RHI, DLL, DLH, GEP, FGT, TVC, SAW, GRB, BRD, ODI
	CESNA–HEMDI	GEP, DLH, FGT, RWF, FAR, AXN, FSD, ABR, BRD, ODI, GRB


TOWER ENROUTE CONTROL
(TEC)
NORTHEAST U.S.
(NEW ENGLAND)
(LINES CONNECTING AIRPORTS DEPICT ADJACENT APPROACH CONTROL FACILITIES)
LEGEND
RADAR APPROACH CONTROL AREA
MAINE
VERMONT
NEW HAMPSHIRE
MASSACHUSETTS
CONN
RHODE ISLAND
NEW YORK
BGR
NHZ
PWM
MHT
BOS
FMH
PVD
BDL
NYC
ALB
GSS
SYR
ROC
BUF
DTW
ERI
ELM
BGM
AVP


TOWER ENROUTE CONTROL
(TEC)
NORTHEAST U.S.
(EASTERN)
(LINES CONNECTING AIRPORTS DEPICT ADJACENT APPROACH CONTROL FACILITIES)
LEGEND
RADAR APPROACH CONTROL AREA
BUF
ERI
CLE
YNG
CAK
PIT
CKB
CRW
HTS
ELM
BGM
AVP
RDG
ABE
NYC
PHL
WRI
ACY
HAR
DOV
BWI
DCA
IAD
PXT
RIC
ORF
ROA
GSO
PENNSYLVANIA
MARYLAND
DC
NEW JERSEY
DELAWARE
WEST VIRGINIA
VIRGINIA

(TEC)

Within the national airspace system it is possible for a pilot to fly IFR from one point to another without leaving approach control airspace. This is referred to as ''tower enroute'' which allows flight beneath the enroute structure. The tower enroute concept has been expanded (where practical) by reallocating airspace vertically/geographically to allow flight planning between city pairs while remaining within approach control airspace. Pilots are encouraged to solicit tower enroute information from FSS's and to use the route descriptions provided in this directory when filing flight plans. Other airways which appear to be more direct between two points may take the aircraft out of approach control airspace thereby resulting in additional delays or other complications. All published TEC routes are designed to avoid enroute airspace and the majority are within radar coverage. Additional routes and other changes will appear in forthcoming editions as necessary. The acronym ''TEC'' should be included in the remarks section of the flight plan. This will advise ATC that the pilot intends to remain within approach control airspace for the entire flight. The following items should be noted before using the graphics and route descriptions:

1. The graphic is not to be used for navigation nor detailed flight planning. Not all city pairs are depicted. It is intended to show general geographic areas connected by tower enroute control. Pilots should refer to route descriptions for specific flight planning.
2. The route description contains four columns of information: i.e., the approach control area (listed alphabetically) within which the departure airport is located (check appropriate flight information publications), the specific route (airway, radial, etc.), the highest altitude allowed for the route, and the destination airport (listed alphabetically). Be advised, many destination airports are associated with a larger primary airport. Check the legend preceding this listing for this association.
3. The word ''DIRECT'' will appear as the route when radar vectors will be used or no airway exists. Also, this indicates that a Standard Instrument Departure (SID) or Standard Terminal Arrival Route (STAR) may be applied by ATC.
4. When a NAVAID or intersection identifier appears with no airway immediately preceding or following the identifier, the routing is understood to be DIRECT to or from that point unless otherwise cleared by ATC.
5. Routes beginning or ending with an airway indicate that the airway essentially overflies the airport or radar vectors will be applied.
6. Where more than one route is listed to the same destination, the pilot may select which route is desired. Unless otherwise stated, all routes may be flown in either direction.
7. Routes are effective only during each respective terminal facility's normal operating hours. Pilots are cautioned to check NOTAMS to ensure appropriate terminal facilities will be operating for the planned flight time.
8. All identifiers used for NAVAIDS, airports, and intersections are official identifiers.
9. Altitudes are listed in thousands of feet. ATC may require altitude changes to maintain flight within approach control airspace. ATC will provide radar monitoring and, if necessary, course guidance if the highest altitude assigned by ATC is below the Minimum Enroute Altitude (MEA).
10. Although all airports are not listed under the destination column, IFR flight may be planned to satellite airports in proximity to major airports via the same routing.
11. Flight plans should be filed with a Flight Service Station (FSS).

TOWER ENROUTE CONTROL CITY PAIRS

(1) Single Engine only.
(2) Props less than 210 KT IAS.
(3) Props less than 250 KT IAS.
(4) Jets and Props greater than 210 KT IAS.
(5) Jets and Props greater than 250 KTS IAS.

Boston—NO SATS = BED/LWM/BVY/FIT/6B6/2B2
SO SATS = BOS/OWD/1B9/3B2
Bradley = BDL/BAF/CEF/7B2
Bradley/Hartford = HFD/MMK/IJD/4B8
Bradley/Worcester = ORH/3B0/1B6
Manchester = MHT/ASH/CON/LCI
Manchester/Pease = PSM/DAW/3B4
New York/Bridgeport = BDR/HVN/OXC/3B9
Philadelphia = NO SATS = OQN/MQS/LOM/DYL/PNE/CKZ/PTW/UKT/TTN/NXX
SO SATS = ILG/EVY
Portland = PWM/IWI/NHZ/RKD
Portland/Augusta = AUG/LEW/WVL/IZG/81B
Providence = PVD/EWB/TAN/SFZ/UUU/5B3
Providence/Groton = GON/WST/BID/0B8

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
Albany	.....	ALB GDM V431 LOBBY	10000	Bedford
	.....	V14 V428 V29	6000	Binghamton
	.....	ALB GDM V431 REVER	10000	Boston
	.....	Direct	10000	Bradley
	.....	V130	10000	Bradley
	.....	ALB V44 DENNA	10000	Bridgeport
	.....	V14	10000	Buffalo
	.....	**(3)** ALB V123 HAARP	10000	Danbury

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	**(4)** ALB V157 HAARP	10000	Danbury
	.....	V14 V428	8000	Elmira
	.....	V2	10000	Griffiss
	.....	ALB V130 BDL GON	10000	Groton
	.....	Direct	10000	Hartford
	.....	ALB CTR PVD V151 GAILS	10000	Hyannis
	.....	V14 V428	8000	Ithaca
	.....	ALB EEN MHT	10000	Manchester
	.....	ALB CTR V405 PVD	10000	Marthas Vineyard
	.....	ALB CTR PVD PVD PVD167 NEWBE DEEPO	10000	Nantucket
	.....	ALB GDM V431 LOBBY	10000	Norwood
	.....	ALB CAM CON	10000	Portland
	.....	ALB CON	10000	Portsmouth
	.....	ALB CTR PVD	10000	Providence
	.....	ALB CTR PVD V151 GAILS	10000	Provincetown
	.....	V2	10000	Rochester
	.....	V14 BEEPS	10000	Rochester
	.....	ALB V123 TRESA	10000	Stewart
	.....	ALB V130 MOLDS	10000	Worcester
Allentown	.....	FJC V149 LHY	8000	Albany
	.....	ETX LHY	8000	Albany
	.....	V149 MAZIE ARD CYN	5000	Atlantic City
	.....	V93 LRP	8000	Baltimore
	.....	ETX V162 DUMMR V93 LRP	6000	Baltimore
	.....	V39 LRP	8000	Baltimore
	.....	V130	10000	Bradley
	.....	Direct	10000	Bradley
	.....	FJC STW	5000	Caldwell
	.....	**(2)** ETX V30 SBJ	5000	Farmingdale
	.....	ETX V162 HAR	8000	Harrisburg
	.....	Direct	10000	Hartford
	.....	ETX ETX004 WEISS	4000	Hazleton
	.....	ETX V39	4000	Lancaster
	.....	**(2)** ETX BWZ	5000	Newark
	.....	**(4)** FJC BWZ	6000	Newark
	.....	FJC V149 MAZIE ARD	5000	North Philadelphia
	.....	**(2)** ETX V29 PTW (piston only)	4000	Philadelphia
	.....	**(4)** FJC V149 MAIZE (turbojet only)	7000	Philadelphia
	.....	ETX V29 PTW (turboprop only)	5000	Philadelphia
	.....	FJC V6 SEG	8000	Pittsburgh
	.....	ETX V30 SEG	8000	Pittsburgh
	.....	V276 RAV	8000	Pittsburgh
	.....	FJC RAV	8000	Pittsburgh
	.....	ETX V39 FLOAT	4000	Reading
	.....	ETX V164 FQM	6000	Rochester
	.....	FJC V162 HUO	5000	Westchester Co.
	.....	V93 LVZ	7000	Wilkes-Barre
	.....	FJC V149 RITTY	7000	Wilkes-Barre
	.....	ETX V29 PTW	4000	Wilmington
Atlantic City	.....	V229 DIXIE V276 ARD	5000	Allentown
	.....	V1 DIXIE V276 ARD (Single Engine only)	5000	Allentown
	.....	V1 ATR V308 OTT	4000	Andrews AFB
	.....	LEEAH V268 BAL	4000	Baltimore
	.....	V1 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	5000	Bangor
	.....	V1 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	5000	Bar Harbor
	.....	V1 JFK V229 HFD HFD053 DREEM (Single Engine only)	5000	Boston (North)
	.....	V1 JFK V229 HFD V3 WOONS (Single Engine only)	5000	Boston
	.....	V1 JFK V229 HFD FOSTY WOONS (Single engine and /E, /F, /G only)	5000	Boston
	.....	V1 JFK V229 BDR BDR014 JUDDS (Single Engine only)	5000	Bradley
	.....	V184 ZIGGI JFK 210 JFK V229 BDR (Twins only, n/a between 1400-2100)	5000	Bridgeport
	.....	HOWIE V1 JFK V229 BDR (Single engine only)	5000	Bridgeport
	.....	V184 OOD DQO V469 HAR	4000	Capital City

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
.....	LEEAH V268 ENO	4000	Dover
.....	LEEAH V268 BAL BAL294 KROLL AML (No jets)	4000	Dulles
.....	LEEAH V229 PXT V16 V286 CSN (Jets only)	4000	Dulles
.....	V268 ENO V29 AVP V147	4000	Elmira
.....	V1 JFK BDR MAD MAD126 MONDI (Single Engine only)	5000	Groton
.....	V184 OOD DQO V469	4000	Harrisburg
.....	V1 JFK V229 (Single engine only)	5000	Hartford
.....	V1 JFK V229 HFD V167 PVD V151 GAILS (Single Engine only)	5000	Hyannis
.....	V1 JFK CCC (Single Engine only)	5000	Islip
.....	V184 ZIGGI JFK210 JFK CCC (No Single Engine; n/a btn 1400-2100 local)	5000	Islip
.....	V1 JFK (Single Engine only)	5000	Kennedy
.....	V184 ZIGGI JFK210 JFK (Jets/multiengine Props only; no OTFC)	5000	Kennedy
.....	V1 DIXIE V276 RBV V123 NANCI (Single Engine only)	5000	LaGuardia
.....	V229 DIXIE V276 RBV V123 NANCI (No Single Engine)	5000	LaGuardia
.....	V229 DIXIE V276 RBV V123 NANCI (Jets only)	7000	LaGuardia
.....	V184 OOD DQO DQO319 LRP144 LRP	4000	Lancaster
.....	HOWIE V1 CYN	5000	McGuire AFB
.....	VCN V16 CYN	7000	McGuire AFB
.....	V229 PANZE (Helicopters only)	3000	McGuire AFB
.....	SIE V44 PANZE	5000	McGuire AFB
.....	SIE V139 HARBO	5000	McGuire AFB
.....	V1 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	5000	Manchester
.....	V1 JFK V229 BDR MAD (Single Engine only)	5000	Meriden Markham
.....	V1 JFK V229 BDR MAD V475 V188 GON V374 (Single engine only)	5000	Martha's Vineyard
.....	V1 JFK V229 BDR MAD V475 V188 GON V58 NEWBE DEEPO (Single Engine only)	5000	Nantucket
.....	V229 DIXIE V276 RBV RBV005 OWBIE (Non–jets only)	5000	Newark
.....	V229 DIXIE V276 RBV V249 METRO	5000	Newark
.....	V229 DIXIE V276 RBV RBV005 OWBIE (Jets only)	6000	Newark
.....	V1 JFK V229 BDR MAD V475 V188 GON V374 MINNK (Single Engine only)	5000	New Bedford
.....	V229 DIXIE V276 ARD	5000	North Philadelphia
.....	ACY V184 OOD	4000	Philadelphia
.....	V1 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	5000	Portland
.....	V1 JFK V229 BDR MAD V475 V188 GON (Single Engine only)	5000	Providence
.....	V1 JFK V229 HFD V167 PVD V151 GAILS (Single Engine only)	5000	Provincetown
.....	V1 JFK V229 BDR MAD V475 V188 GON (Single Engine only)	5000	Quonset
.....	V184 OOD DQO MXE MXE334 HUMEL	4000	Reading
.....	V1 SBY	6000	Salisbury
.....	SIE V139	4000	Snow Hill
.....	V1 ATR	6000	Snow Hill
.....	V1 JFK V229 BDR MAD V475 V188 GON V374 MINNK (Single Engine only)	5000	Taunton Muni
.....	V229 PANZE V184 ZIGGI V276 RBV V249 METRO (Turbojet only)	4000	Teterboro
.....	LEEAH V1 ATR V308 OTT (Props only)	4000	Washington
.....	V229 DIXIE V276 RBV V249 SAX V39 BREZY (Multi-engine Props only)	5000	Westchester Co.
.....	V1 DIXIE V276 RBV V249 SAX V39 BREZY (Multi-engine props only)	5000	Westchester Co.
.....	V1 JFK V229 HFD V1 GRAYM (Single Engine only)	5000	Worcester

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
Baltimore	.....	V93 LRP V39 ETX	7000	Allentown
	.....	V268 LEEAH V229	7000	Atlantic City
	.....	V268 ENO V16 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	7000	Bangor
	.....	V268 ENO V16 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	7000	Bar Harbor
	.....	V93 LRP V499	7000	Binghamton
	.....	V268 ENO V16 JFK V229 HFD HFD053 DREEM (Single engine only)	7000	Boston (North)
	.....	V268 ENO V16 JFK V229 HFD V3 WOONS (Single Engine only)	7000	Boston
	.....	V268 ENO V16 JFK V229 HFD FOSTY WOONS (Single engine and /E, /F, /G only)	7000	Boston
	.....	V268 ENO V16 JFK V229 BDR BDR014 JUDDS (Single Engine only)	7000	Bradley
	.....	V268 ENO V16 JFK V229 BDR (Single Engine only)	7000	Bridgeport
	.....	V31 HAR	7000	Capital City
	.....	V268 ENO	7000	Dover AFB
	.....	V44 MRB	6000	Dulles
	.....	V268 ENO V16 JFK V229 BDR MAD MAD126 MONDI (Single Engine only)	7000	Groton
	.....	EMI EMI321 HGR089 HGR	6000	Hagerstown
	.....	V31 HAR	7000	Harrisburg
	.....	V268 ENO V16 JFK	7000	Islip
	.....	V268 ENO V16 JFK (Single Engine)	7000	Kennedy
	.....	V214 DQO V479 RUUTH V123 NANCI	7000	LaGuardia
	.....	V499 LRP	5000	Lancaster
	.....	V214 DQO OOD V312 CYN GXU	5000	McGuire
	.....	V268 ENO V16 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	7000	Manchester
	.....	V268 ENO V16 JFK V229 BDR MAD V475 V188 GON V374 MVY (Single Engine only)	7000	Martha's Vineyard
	.....	V214 MRB	8000	Martinsburg
	.....	V268 ENO V16 JFK V229 BDR MAD V475 V188 GON V58 NEWBE DEEPO (Single Engine only)	7000	Nantucket
	.....	BAL V378 MXE ARD V214 METRO (-180 kts only)	5000	Newark
SO SATS	.....	V214 DQO	7000	New Castle
	.....	V93 PXT V16 V33 V286 STEIN	6000	Norfolk
	.....	V419 MXE (Non turbojets only)	5000	N. Philadelphia
	.....	V378 MXE (Non turbojets only)	5000	N. Philadelphia
NO SATS	.....	V214 DQO (Turbojets only)	11000	N. Philadelphia
	.....	V93 PXT	6000	Patuxent River
	.....	V214 ODESA OOD (Non turbojets only)	7000	Philadelphia
	.....	V214 DQO (Turbojets only)	9000	Philadelphia
	.....	V268 ENO V16 JFK V229 HFD CLOWW (Single engine and /E, /F, /G only)	7000	Portland
	.....	V93 PXT V16	6000	Richmond
	.....	BAL BAL133 SBY332 SBY	7000	Salisbury
	.....	V268 ENO V16 JFK CCC (Single Engine)	7000	Suffolk
	.....	BAL V378 MXE V3 SBJ TEB (−180 kts only)	7000	Teterboro
	.....	DIRECT	4000	Washington
	.....	V93 LRP V39 V162 FJC STW SAX V39 BREZY	7000	Westchester Co
	.....	V93 LRP ETX FJC BWZ SAX V39 BREZY	7000	Westchester Co
	.....	V93 LVZ	7000	Wilkes Barre
Bangor	.....	ENE LWM	10000	Bedford
	.....	**(3)** ENE PSM PSM221 STEVO LWM	10000	Boston
	.....	**(4)** ENE V167 SCUPP	10000	Boston
	.....	ENE V106 GDM V229 WITNY	10000	Bradley
	.....	CLOWW WITNY (/E, /F, /G only)	10000	Bradley
	.....	ENE V106 GDM V229 HFD	10000	Bridgeport
	.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Bridgeport
	.....	AUG V39 CON	10000	Concord
	.....	**(3)** AUG V39 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	**(3)** CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	Danbury
	.....	AUG V39 GDM V14 ORW GON	10000	Groton
	.....	AUG V39 GDM V229 HFD	10000	Hartford
	.....	CLOWW WITNY HFD (/E,/F,/G only)	10000	Hartford
	.....	ENE V139 TONNI	10000	Hyannis
	.....	ENE V106 GDM V14 ORW V16 CCC	10000	Islip
	.....	ENE V106 GDM V14 ORW V16 DPK	10000	Kennedy
	.....	ENE MHT	10000	Manchester
	.....	ENE V139 TONNI	10000	Marthas Vineyard
	.....	ENE V139 TONNI	10000	Nantucket
	.....	**(3)** CLOWW WITNY HFD V3 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
	.....	**(3)** ENE V106 GDM V3 CMK V188 SAX	10000	Newark & SATS
	.....	**(1)** CLOWW WITNY HFD V229 V188 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
	.....	**(1)** ENE V106 GDM V229 SEALL V188 SAX	10000	Newark & SATS
	.....	ENE LWM	10000	Norwood
	.....	ENE V139 BURDY	10000	Providence
	.....	ENE V139 TONNI	10000	Provincetown
	.....	AUG V39 CON V93 STUBY V205 TRESA	10000	Stewart
	.....	**(3)** CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F,/G only)	10000	White Plains
	.....	ENE V106 GDM V229 SPENO	10000	Worcester
Binghamton	.....	V29 LVZ V613	8000	Allentown
	.....	V252 GEE V14	8000	Buffalo
	.....	V270	8000	Elmira
	.....	V423	8000	Ithaca
	.....	V29 LVZ V613 FJC ARD	8000	N. Philadelphia
	.....	V29 PTW	8000	Philadelphia
	.....	V423 ITH	8000	Rochester
	.....	V29	8000	Syracuse
	.....	V29 LVZ V226 MUGZY	8000	Teterboro
	.....	V29	8000	Wilkes-Barre
Boston	.....	GLYDE V270 CTR	10000	Albany
NO SATS	.....	**(1)** V419 V14 ORW V16 JFK V229	10000	Atlantic City
SO SATS	.....	**(1)** V268 HTO CCC V16 V229	10000	Atlantic City
NO SATS	.....	V419 V14 ORW V308 BRIGS	10000	Atlantic City
SO SATS	.....	V268 BRIGS	10000	Atlantic City
	.....	PSM ENE	10000	Augusta
NO SATS	.....	**(1)** V419 V14 ORW V16 V44 V268	10000	Baltimore
SO SATS	.....	**(1)** V268 HTO CCC V16 V44 V268	10000	Baltimore
NO SATS	.....	V419 V14 ORW HTO V268	10000	Baltimore
SO SATS	.....	V268	10000	Baltimore
	.....	PSM ENE BGR	10000	Bangor
	.....	PSM ENE	10000	Bar Harbor
	.....	BOSOX V419 WITNY	10000	Bradley
NO SATS	.....	BOSOX V1 HFD	10000	Bridgeport
SO SATS	.....	V268 SEY V34 CREAM	10000	Bridgeport
	.....	V270 CTR V146 V14	10000	Buffalo
	.....	MHT V141	10000	Burlington
	.....	MHT CON	10000	Concord
	.....	**(3)** BOSOX V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	.....	**(5)** GLYDE BAF IGN V157 HAARP	10000	Danbury
NO SATS	.....	**(1)** V419 V14 ORW V16 ENO	10000	Dover AFB
SO SATS	.....	**(1)** V268 HTO CCC V16 ENO	10000	Dover AFB
NO SATS	.....	V419 V14 ORW HTO V268 ENO	10000	Dover AFB
SO SATS	.....	V268 ENO	10000	Dover AFB
	.....	GLYDE V270	10000	Elmira
	.....	GLYDE V270	10000	Erie
	.....	PVD	10000	Groton
NO SATS	.....	BOSOX V1 HFD	10000	Hartford
	.....	DRUNK V141 GAILS	10000	Hyannis
NO SATS	.....	V419 V14 ORW V16 CCC	10000	Islip
SO SATS	.....	V268 HTO V46 CCC	10000	Islip
	.....	MHT	10000	Keene
NO SATS	.....	V419 V14 ORW V16 DPK	10000	Kennedy
SO SATS	.....	V268 HTO V46 DPK	10000	Kennedy
	.....	**(3)** BOSOX V1 MAD V475	10000	LaGuardia

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	MHT	10000	Lebanon
	.....	MHT	10000	Manchester
	.....	MVY359035 MVY	10000	Martha's Vineyard
NO SATS	.....	**(1)** V419 V14 ORW V16 CYN	10000	McGuire AFB
SO SATS	.....	**(1)** V268 HTO CCC V16 CYN	10000	McGuire AFB
NO SATS	.....	V419 V14 ORW V308 DRIFT V312 CYN	10000	McGuire AFB
SO SATS	.....	V268 DRIFT V312 CYN	10000	McGuire AFB
	.....	DRUNK V141	10000	Nantucket
	.....	**(1)** BOSOX V1 HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	.....	**(3)** BOSOX V1 HFD V3 CMK V623 SAX	10000	Newark & SATS
NO SATS	.....	BOSOX V1 HFD	10000	New Haven
SO SATS	.....	V268 SEY V34 CREAM	10000	New Haven
NO SATS	.....	**(1)** V419 V14 ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
SO SATS	.....	**(1)** V268 HTO CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
NO SATS	.....	V419 V14 ORW V308 MANTA V276 ARD	10000	N.E. Philadelphia
SO SATS	.....	V268 MANTA V276 ARD	10000	N.E. Philadelphia
NO SATS	.....	**(1)** V419 V14 ORW V16 VCN OOD	10000	Philadelphia
SO SATS	.....	**(1)** V268 HTO CCC V16 VCN OOD	10000	Philadelphia
NO SATS	.....	V419 V14 ORW V308 BRIGS ACY V184 OOD	10000	Philadelphia
SO SATS	.....	V268 BRIGS ACY V184 OOD	10000	Philadelphia
	.....	PSM ENE	10000	Portland
	.....	Direct	10000	Portsmouth
	.....	Direct	10000	Providence
	.....	Direct	10000	Provincetown
NO SATS	.....	**(1)** V419 V14 ORW V16	10000	Richmond
SO SATS	.....	**(1)** V268 HTO CCC V16	10000	Richmond
NO SATS	.....	V419 V14 ORW HTO V268 ENO V16	10000	Richmond
SO SATS	.....	V268 ENO V16	10000	Richmond
	.....	BOSOX V419 BDL V205 TRESA	10000	Stewart
	.....	MHT V490 UCA	10000	Syracuse
NO SATS	.....	**(1)** V419 V14 ORW V16 DIXIE V276 RBV	10000	Trenton
SO SATS	.....	**(1)** V268 HTO CCC V16 DIXIE V276 RBV	10000	Trenton
NO SATS	.....	V419 V14 ORW V308 MANTA V276 RBV	10000	Trenton
SO SATS	.....	V268 MANTA V276 RBV	10000	Trenton
	.....	**(3)** BOSOX V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
NO SATS	.....	V419 V14 ORW V16 CREAM HTO	10000	Westhampton Bch
NO SATS	.....	V268 HTO	10000	Westhampton Bch
	.....	Direct	10000	Worcester
Boston ARTCC/Keene	.....	GDM V431 LOBBY	10000	Bedford
	.....	V431 REVER	10000	Boston
	.....	Direct	10000	Bradley
	.....	GDM V229 HFD	10000	Bridgeport
	.....	**(3)** GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	.....	GDM V14 ORW GON	10000	Groton
	.....	GDM V229 HFD	10000	Hartford
	.....	GDM V151 GAILS	10000	Hyannis
	.....	GDM V151 PVD V405 MVY	10000	Marthas Vineyard
	.....	GDM V151 PVD PVD167 NEWBE DEEPO	10000	Nantucket
	.....	GDM V431 LOBBY	10000	Norwood
	.....	GDM V151 PVD	10000	Providence
	.....	GDM V151 GAILS	10000	Provincetown
	.....	CTR V93 STUBY V205 TRESA	10000	Stewart
	.....	GDM V229 SPENO	10000	Worcester
Boston ARTCC/Lebanon	.....	LEB LEB167 BASUU (BED/FIT/6B6) or V141 CON LWM (BVY/LWM/2B2)	10000	Bedford
	.....	V141 CON CON135 TOMIE LWM	10000	Boston
	.....	EEN	10000	Bradley
	.....	V151 GDM V229 HFD	10000	Bridgeport
	.....	V151 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	.....	V151 GDM V14 ORW GON	10000	Groton
	.....	V151 GDM V229 HFD	10000	Hartford
	.....	V141 CON LWM BOS GAILS	10000	Hyannis
	.....	V141 CON LWM BOS	10000	Marthas Vineyard
	.....	V141 CON LWM BOS LFV	10000	Nantucket
	.....	LEB LEB167 BASUU	10000	Norwood
	.....	V151 PVD	10000	Providence

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	V141 CON LWM BOS	10000	Provincetown
	.....	V151 GDM V229 SPENO	10000	Worcester
Bradley	.....	DIRECT	10000	Albany
	.....	PWL V106 WEETS HUO V162	5000	Allentown/Harrisburg
	.....	**(1)** GON CCC V16 JFK V229	10000	Atlantic City
	.....	GON HTO V308 BRIGS	10000	Atlantic City
	.....	EEN V93 CON	10000	Augusta
	.....	**(1)** GON CCC V16 ENO V268	10000	Baltimore
	.....	GON HTO V268	10000	Baltimore
	.....	EEN V93 CON V39 AUG	10000	Bangor
	.....	EEN V93 ENE	10000	Bar Harbor
	.....	GRAYM HFD053 DREEM	10000	Bedford & NO SATS
	.....	PUT PUT 105 WOONS	10000	Boston & SO SATS
	.....	HFD	10000	Bridgeport
	.....	ALB V14	10000	Buffalo
	.....	EEN V93 CON	10000	Concord
	.....	**(3)** HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	.....	**(5)** V405 VEERS IGN V157 HAARP	10000	Danbury
	.....	**(1)** GON CCC V16 ENO	10000	Dover AFB
	.....	GON HTO V268 ENO	10000	Dover AFB
	.....	CTR V270	10000	Elmira
	.....	CTR V270	10000	Erie
	.....	HFD GON	10000	Groton
	.....	PVD V151 GAILS	10000	Hyannis
	.....	GON CCC	10000	Islip
	.....	DIRECT	10000	Keene
	.....	GON CCC V16 DPK	10000	Kennedy
	.....	**(3)** HFD V1 MAD V475	10000	LaGuardia
	.....	EEN V151	10000	Lebanon
	.....	EEN	10000	Manchester
	.....	PVD V405 MVY	10000	Marthas Vineyard
	.....	**(1)** GON CCC V16 CYN	10000	McGuire AFB
	.....	GON HTO V308 DRIFT V312 CYN	10000	McGuire AFB
	.....	PVD PVD167 NEWBE DEEPO	10000	Nantucket
	.....	**(1)** HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	.....	**(3)** HFD V3 CMK V623 SAX	10000	Newark & SATS
	.....	**(1)** GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	.....	GON HTO V308 MANTA V276 ARD	10000	N.E. Philadelphia
	.....	PUT PUT105 WOONS	10000	Norwood
	.....	**(1)** GON CCC V16 VCN OOD	10000	Philadelphia
	.....	GON HTO V308 BRIGS ACY V184 OOD	10000	Philadelphia
	.....	EEN	10000	Portland
	.....	**(3)** VAPER V39 GDM V106 RAYMY	10000	Portsmouth
	.....	**(5)** EEN	10000	Portsmouth
	.....	DIRECT	10000	Providence
	.....	PVD V151 GAILS	10000	Provincetown
	.....	**(1)** GON CCC V16	10000	Richmond
	.....	GON HTO V268 ENO V16	10000	Richmond
	.....	ALB	10000	Rochester
	.....	VEERS V205 TRESA	10000	Stewart
	.....	ALB	10000	Syracuse
	.....	**(1)** GON CCC V16 DIXIE V276 RBV	10000	Trenton
	.....	GON HTO V308 MANTA V276 RBV	10000	Trenton
	.....	GON HTO	10000	Westhampton Beach
	.....	**(3)** HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
	.....	PWL V106 LHY	5000	Wilkes-Barre
Bradley/Hartford	.....	DIRECT	10000	Albany
	.....	PWL V106 WEETS HUO V162	5000	Allentown/Harrisburg
	.....	**(1)** GON CCC V16 JFK V229	10000	Atlantic City
	.....	GON HTO V308 BRIGS	10000	Atlantic City
	.....	HFD V229 GDM V39 CON	10000	Augusta
	.....	HFD CLOWW (/E, /F, /G only)	10000	Augusta
	.....	**(1)** GON CCC V16 ENO V268	10000	Baltimore
	.....	GON HTO V268	10000	Baltimore
	.....	HFD V229 GDM V39 AUG	10000	Bangor
	.....	HFD CLOWW (/E, /F, /G only)	10000	Bangor
	.....	HFD V229 GDM V106 ENE	10000	Bar Harbor
	.....	HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	.....	HFD HFD053 DREEM	10000	Bedford & NO SATS

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	HFD V3 WOONS	10000	Boston & SO SATS
	.....	DIRECT	10000	Bridgeport
	.....	ALB V14	10000	Buffalo
	.....	HFD V229 GDM V39 CON	10000	Concord
	.....	HFD CLOWW (/E, /F, /G only)	10000	Concord
	.....	**(3)** HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	.....	**(5)** BDL V405 VEERS IGN V157 HAARP	10000	Danbury
	.....	**(1)** GON CCC V16 ENO	10000	Dover AFB
	.....	GON HTO V268 ENO	10000	Dover AFB
	.....	CTR V270	10000	Elmira
	.....	CTR V270	10000	Erie
	.....	HFD GON	10000	Groton
	.....	HFD V167 PVD V151 GAILS	10000	Hyannis
	.....	GON CCC	10000	Islip
	.....	HFD V229 GDM	10000	Keene
	.....	GON CCC V16 DPK	10000	Kennedy
	.....	**(3)** HFD V1 MAD V475	10000	LaGuardia
	.....	HFD V229 GDM V151	10000	Lebanon
	.....	HFD V229 GDM V106 MHT	10000	Manchester
	.....	HFD CLOWW (/E, /F, /G only)	10000	Manchester
	.....	GON V374 MVY	10000	Marthas Vineyard
	.....	**(1)** GON CCC V16 CYN	10000	McGuire AFB
	.....	GON HTO V308 DRIFT V312 CYN	10000	McGuire AFB
	.....	GON V58 NEWBE DEEPO	10000	Nantucket
	.....	**(1)** HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	.....	**(3)** HFD V3 CMK V623 SAX	10000	Newark & SATS
	.....	**(1)** GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	.....	GON HTO V308 MANTA V276 ARD	10000	N.E. Philadelphia
	.....	PUT PUT105 WOONS	10000	Norwood
	.....	**(1)** GON CCC V16 VCN OOD	10000	Philadelphia
	.....	GON HTO V308 BRIGS ACY V184 OOD	10000	Philadelphia
	.....	HFD V229 GDM V106 ENE	10000	Portland
	.....	HFD CLOWW (/E, /F, /G only)	10000	Portland
	.....	HFD V229 GDM V106 RAYMY	10000	Portsmouth
	.....	HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
	.....	HFD V167 PVD	10000	Providence
	.....	PVD V151 GAILS	10000	Provincetown
	.....	**(1)** GON CCC V16	10000	Richmond
	.....	GON HTO V268 ENO V16	10000	Richmond
	.....	ALB	10000	Rochester
	.....	VEERS V205 TRESA	10000	Stewart
	.....	ALB	10000	Syracuse
	.....	**(1)** GON CCC V16 DIXIE V276 RBV	10000	Trenton
	.....	GON HTO V308 MANTA V276 RBV	10000	Trenton
	.....	GON HTO	10000	Westhampton Beach
	.....	**(3)** HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
	.....	PWL V106 LHY	5000	Wilkes-Barre
Bradley/Worcester	.....	CTR	10000	Albany
	.....	PWL V106 WEETS HUO V162	5000	Allentown/Harrisburg
	.....	**(1)** ORW V16 JFK V229	10000	Atlantic City
	.....	ORW HTO V308 BRIGS	10000	Atlantic City
	.....	GDM V93 CON	10000	Augusta
	.....	**(1)** ORW V16 ENO V268	10000	Baltimore
	.....	ORW HTO V268	10000	Baltimore
	.....	GDM V39 AUG	10000	Bangor
	.....	GDM V106 ENE	10000	Bar Harbor
	.....	DREEM	10000	Bedford & NO SATS
	.....	PUT PUT105 WOONS	10000	Boston & SO SATS
	.....	HFD	10000	Bridgeport
	.....	CTR ALB V14	10000	Buffalo
	.....	GDM	10000	Concord
	.....	**(3)** HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	.....	**(5)** BAF IGN V157 HAARP	10000	Danbury
	.....	**(1)** ORW V16 ENO	10000	Dover AFB
	.....	ORW HTO V268 ENO	10000	Dover AFB
	.....	CTR V270	10000	Elmira
	.....	CTR V270	10000	Erie
	.....	ORW GON	10000	Groton
	.....	PUT V151 GAILS	10000	Hyannis
	.....	ORW V16 CCC	10000	Islip

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	GDM	10000	Keene
	.....	ORW V16 DPK	10000	Kennedy
	.....	**(3)** HFD V1 MAD V475	10000	LaGuardia
	.....	GDM V151	10000	Lebanon
	.....	GDM V106 MHT	10000	Manchester
	.....	PUT V151 PVD V405 MVY	10000	Marthas Vineyard
	.....	**(1)** ORW V16 CYN	10000	McGuire AFB
	.....	ORW V308 DRIFT V312 CYN	10000	McGuire AFB
	.....	PUT V151 PVD PVD167 NEWBE DEEPO	10000	Nantucket
	.....	**(1)** HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	.....	**(3)** HDF V3 CMK V623 SAX	10000	Newark & SATS
	.....	**(1)** ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	.....	ORW V308 MANTA V276 ARD	10000	N.E. Phildelphia
	.....	PUT PUT105 WOONS	10000	Norwood
	.....	**(1)** ORW V16 VCN OOD	10000	Philadelphia
	.....	ORW V308 BRIGS ACY V184 OOD	10000	Philadelpia
	.....	GDM V106 ENE	10000	Portland
	.....	GDM V106 RAYMY	10000	Portsmouth
	.....	PUT PVD	10000	Providence
	.....	PUT V151 GAILS	10000	Provincetown
	.....	**(1)** ORW V16	10000	Richmond
	.....	ORW HTO V268 ENO V16	10000	Richmond
	.....	CTR ALB	10000	Rochester
	.....	VEERS V205 TRESA	10000	Stewart
	.....	CTR ALB	10000	Syracuse
	.....	**(1)** ORW V16 DIXIE V276 RBV	10000	Trenton
	.....	ORW V308 MANTA V276 RBV	10000	Trenton
	.....	ORW HTO	10000	Westhampton Beach
	.....	**(3)** HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
	.....	PWL V106 LHY	5000	Wilkes-Barre
Bridgeport (See New York/Bridgeport)				
Buffalo	.....	V2	10000	Detroit
	.....	V14	10000	Erie
	.....	V115	10000	Jamestown
	.....	V2	10000	Rochester
Burlington	.....	CAM	10000	Albany
	.....	V141 LEB LEB167 BASUU	10000	Bedford
	.....	V141 CON LWM	10000	Beverly
	.....	**(3)** V141 CON TOMIE LWM	10000	Boston
	.....	EEN	10000	Bradley
	.....	ALB V44 DENNA	10000	Bridgeport
	.....	**(3)** ALB V123 HAARP	10000	Danbury
	.....	**(4)** ALB V157 HAARP	10000	Danbury
	.....	V229 GDM V14 ORW GON	10000	Groton
	.....	V229 HFD	10000	Hartford
	.....	V141 CON LWM BOS GAILS	10000	Hyannis
	.....	V141 CON LWM BOS	10000	Marthas Vineyard
	.....	V141 CON LWM BOS LFV	10000	Nantucket
	.....	V229 SPENO	10000	Norwich
	.....	V141 LEB LEB167 BASUU	10000	Norwood
	.....	V229 GDM V151 PVD	10000	Providence
	.....	V141 CON LWM BOS	10000	Provincetown
	.....	ALB V123 TRESA	10000	Stewart
Cape/Hyannis	.....	PVD V146	10000	Albany
	.....	MVY MVY230 V34 SEY HTO V308 BRIGS	10000	Atlantic City
	.....	**(1)** MINNK V374 GON CCC V16 JFK V229	10000	Atlantic City
	.....	FREDO BOS PSM ENE	10000	Augusta
	.....	MVY MVY230 V34 SEY HTO V268	10000	Baltimore
	.....	**(1)** MINNK V374 GON CCC V16 ENO V268	10000	Baltimore
	.....	FREDO BOS PSM ENE BGR	10000	Bangor
	.....	FREDO BOS PSM ENE	10000	Bar Harbor
	.....	FREDO	10000	Bedford
	.....	FREDO	10000	Boston & Sats
	.....	PVD V405 BDL	10000	Bradley
	.....	(water) MVY MVY230 V34 SEY HTO HTO302 KEYED	10000	Bridgeport

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	(land) MINNK V374 CREAM	10000	Bridgeport
	.....	PVD V146 ALB V14	10000	Buffalo
	.....	PVD V151 GDM V229	10000	Burlington
	.....	FREDO BOS MHT CON	10000	Concord
	.....	**(3)** PVD HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	.....	**(5)** PVD V146 BAF V157 HAARP	10000	Danbury
	.....	MVY MVY230 V34 SEY HTO V268 ENO	10000	Dover AFB
	.....	**(1)** MINNK V374 GON CCC V16 ENO	10000	Dover AFB
	.....	PVD V146 CTR V270	10000	Elmira
	.....	PVD V146 CTR V270	10000	Erie
	.....	**(5)** MVY MVY230 V34 SEY V268 HTO V46 DPK	10000	Farmingdale
	.....	**(1)** MINNK V374 GON CCC V16 DPK	10000	Farmingdale
	.....	Direct	10000	Groton
	.....	PVD HFD	10000	Hartford
	.....	**(5)** MVY MVY230 V34 SEY V268 HTO V46 CCC	10000	Islip
	.....	**(1)** MINNK V374 GON CCC	10000	Islip
	.....	PVD V151 GDM	10000	Keene
	.....	**(5)** MVY MVY230 V34 SEY HTO V46 DPK	10000	Kennedy
	.....	**(1)** MINNK V374 GON CCC V16 DPK	10000	Kennedy
	.....	PVD V167 HFD VI MAD V475	10000	LaGuardia
	.....	PVD V151	10000	Lebanon
	.....	FREDO BOS	10000	Manchester
	.....	MVY MVY230 V34 SEY HTO V308 DRIFT V312 CYN	10000	McGuire AFB
	.....	**(1)** MINNK V374 GON CCC V16 CYN	10000	McGuire AFB
	.....	**(1)** PVD V167 HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	.....	**(3)** PVD V167 HFD V3 CMK V623 SAX	10000	Newark & SATS
	.....	MVY MVY230 V34 SEY V268 HTO V46 CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	.....	**(1)** MINNK V374 GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	.....	FREDO	10000	Norwood
	.....	MVY MVY230 V34 SEY HTO V308 BRIGS ACY V184 OOD	10000	Philadelphia
	.....	**(1)** MINNK V374 GON CCC V16 VCN OOD	10000	Philadelphia
	.....	FREDO BOS PSM ENE	10000	Portland
	.....	FREDO BOS	10000	Portsmouth
	.....	Direct	10000	Providence
	.....	MVY MVY230 V34 SEY HTO V308 CHOPS V16	10000	Richmond
	.....	**(1)** MINNK V374 GON CCC V16	10000	Richmond
	.....	PVD V146 ALB	10000	Rochester
	.....	PVD V405 BDL V205 TRESA	10000	Stewart
	.....	PVD V146 ALB	10000	Syracuse
	.....	MVY MVY230 V34 SEY HTO V308 MANTA V276 RBV	10000	Trenton
	.....	**(1)** MINNK V374 GON CCC V16 DIXIE V276 ARD	10000	Trenton
	.....	**(5)** MVY MVY230 V34 SEY V268 HTO V46 CCC	10000	Westhampton Beach
	.....	**(1)** MINNK V374 GON CCC	10000	Westhampton Beach
	.....	PVD V167 HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
	.....	PVD PUT	10000	Worcester
Cape/Martha's Vineyard	.....	PVD V146	10000	Albany
	.....	MVY MVY230 V34 SEY HTO V308 BRIGS	10000	Atlantic City
	.....	**(1)** V374 GON CCC V16 JFK V229	10000	Atlantic City
	.....	MVY MVY230 V34 SEY HTO V268	10000	Baltimore
	.....	**(1)** V374 GON CCC V16 ENO V268	10000	Baltimore
	.....	FREDO BOS PSM ENE	10000	Bar Harbor
	.....	FREDO	10000	Boston & SATS
	.....	PVD V405 BDL	10000	Bradley
	.....	MVY MVY230 V34 SEY HTO HTO302 KEYED (water)	10000	Bridgeport
	.....	(land) V374 CREAM	10000	Bridgeport
	.....	PVD V146 ALB V14	10000	Buffalo
	.....	PVD V151 GDM V229	10000	Burlington
	.....	FREDO BOS MHT CON	10000	Concord
	.....	**(3)** PVD HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	.....	**(5)** MVY V146 BAF IGN V157 HAARP	10000	Danbury

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	**(1)** MVY MVY230 V34 SEY HTO V268 ENO	10000	Dover AFB
	.....	**(1)** V374 GON CCC V16 ENO	10000	Dover AFB
	.....	PVD V146 CTR V270	10000	Elmira
	.....	PVD V146 CTR V270	10000	Erie
	.....	**(5)** MVY MVY230 V34 SEY V268 HTO V46 DPK	10000	Farmingdale
	.....	**(1)** V374 GON CCC V16 DPK	10000	Farmingdale
	.....	Direct	10000	Groton
	.....	MVY MVY230 V58 HFD	10000	Hartford
	.....	**(5)** MVY MVY230 V34 SEY V268 HTO V46 CCC	10000	Islip
	.....	**(1)** V374 GON CCC	10000	Islip
	.....	PVD V151 GDM	10000	Keene
	.....	**(5)** MVY MVY230 V34 SEY V268 HTO V46 DPK	10000	Kennedy
	.....	**(1)** V374 GON CCC V16 DPK	10000	Kennedy
	.....	PVD V167 HFD V1 MAD V475	10000	LaGuardia
	.....	PVD V151	10000	Lebanon
	.....	FREDO BOS MHT	10000	Manchester
	.....	MVY MVY230 V34 SEY HTO V308 DRIFT V312 CYN	10000	McGuire AFB
	.....	**(1)** V374 GON CCC V16 CYN	10000	McGuire AFB
	.....	**(1)** PVD V167 HFD V229 V188 CMK V623 SAX	10000	Newark & SATS
	.....	**(3)** PVD V167 HFD V3 CMK V623 SAX	10000	Newark & SATS
	.....	MVY MVY230 V34 SEY HTO V308 MANTA V276 ARD	10000	N.E. Philadelphia
	.....	**(1)** V374 GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	.....	FREDO	10000	Norwood
	.....	MVY MVY230 V34 SEY HTO V308 BRIGS ACY V184 OOD	10000	Philadelphia
	.....	**(1)** V374 GON CCC V16 VCN OOD	10000	Philadelphia
	.....	FREDO BOS PSM ENE	10000	Portland
	.....	FREDO BOS PSM	10000	Portsmouth
	.....	Direct	10000	Providence
	.....	MVY MVY230 V34 SEY HTO V308 CHOPS V16	10000	Richmond
	.....	**(1)** V374 GON CCC V16	10000	Richmond
	.....	PVD V146 ALB	10000	Rochester
	.....	PVD V405 BDL V205 STUBY	10000	Stewart
	.....	PVD V146 ALB	10000	Syracuse
	.....	MVY MVY230 V34 SEY HTO V308 MANTA V267 RBV	10000	Trenton
	.....	**(1)** V374 GON CCC V16 DIXIE V276 ARD	10000	Trenton
	.....	MVY MVY230 V34 SEY V268 HTO V46 CCC	10000	Westhampton Beach
	.....	**(1)** V374 GON CCC	10000	Westhampton Beach
	.....	PVD V167 HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
	.....	PVD PUT	10000	Worcester
Cape/Nantucket	.....	ACK 146	10000	Albany
	.....	ACK V34 SEY HTO V308 BRIGGS	10000	Atlantic City
	.....	**(1)** ACK V146 MVY V374 GON CCC V16 JFK V229	10000	Atlantic City
	.....	ACK FREDO BOS PSM ENE	10000	Augusta
	.....	ACK V34 SEY HTO V268	10000	Baltimore
	.....	**(1)** ACK V146 MVY V374 GON CCC V16 ENO V268	10000	Baltimore
	.....	ACK FREDO BOS PSM ENE BGR	10000	Bangor
	.....	ACK FREDO BOS PSM ENE	10000	Bar Harbor
	.....	ACK FREDO	10000	Bedford
	.....	ACK FREDO	10000	Boston & SATS
	.....	ACK V146 PVD V405 BDL	10000	Bradley
	.....	ACK V34 SEY HTO HTO302 KEYED (water)	10000	Bridgeport
	.....	(land) ACK V146 MVY V374 CREAM	10000	Bridgeport
	.....	ACK V146 ALB V14	10000	Buffalo
	.....	ACK V146 PVD V151 GDM V229	10000	Burlington
	.....	ACK FREDO BOS MHT CON	10000	Concord
	.....	**(3)** ACK V146 PVD HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	.....	**(5)** ACK V146 BAF IGN V157 HAARP	10000	Danbury
	.....	ACK V34 SEY HTO V268 ENO	10000	Dover AFB
	.....	**(1)** ACK V146 MVY V374 GON CCC V16 ENO	10000	Dover AFB
	.....	ACK V146 CTR V270	10000	Elmira
	.....	ACK V146 CTR V270	10000	Erie

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	**(5)** ACK V34 SEY V268 HTO V46 DPK	10000	Farmingdale
	.....	**(1)** ACK V146 MVY V374 GON CCC V16 DPK	10000	Farmingdale
	.....	ACK	10000	Groton
	.....	ACK V58 HFD	10000	Hartford
	.....	**(5)** ACK V34 SEY V268 HTO V46 CCC	10000	Islip
	.....	**(1)** ACK V146 MVY V374 GON CCC	10000	Islip
	.....	ACK V146 PVD V151 GDM	10000	Keene
	.....	**(5)** ACK V34 SEY V268 HTO V46 DPK	10000	Kennedy
	.....	**(1)** ACK V146 MVY V374 GON CCC V16 DPK	10000	Kennedy
	.....	ACK V146 PVD V167 HFD V1 MAD V475	10000	La Guardia
	.....	ACK V146 PVD V151	10000	Lebanon
	.....	ACK FREDO BOS MHT	10000	Manchester
	.....	ACK V34 SEY HTO V308 DRIFT V312 CYN	10000	McGuire AFB
	.....	**(1)** ACK V146 MVY V374 GON CCC V16 CYN	10000	McGuire AFB
	.....	**(1)** ACK V146 PVD V167 HFD V229 V188 CMK V623 SAX	10000	Newark & SATS
	.....	**(3)** ACK V146 PVD V167 HFD V3 CMK V623 SAX	10000	Newark & SATS
	.....	ACK V34 SEY HTO V308 MANTA V276 ARD	10000	N.E. Philadelphia
	.....	**(1)** ACK V146 MVY V374 GON CCC V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	.....	ACK FREDO	10000	Norwood
	.....	ACK V34 SEY HTO V308 BRIGS ACY V184 OOD	10000	Philadelphia
	.....	**(1)** ACK V146 MVY V374 GON CCC V16 VCN OOD	10000	Philadelphia
	.....	ACK FREDO BOS PSM ENE	10000	Portland
	.....	ACK FREDO BOS PSM	10000	Portsmouth
	.....	ACK V146 PVD	10000	Providence
	.....	ACK V34 SEY HTO V308 CHOPS V16	10000	Richmond
	.....	**(1)** ACK V146 MVY V374 GON CCC V16	10000	Richmond
	.....	ACK V146 PVD V405 BDL V205 TRESA	10000	Stewart
	.....	ACK V146 ALB	10000	Syracuse
	.....	ACK V34 SEY HTO V308 MANTA V276 RBV	10000	Trenton
	.....	**(1)** ACK V146 MVY V374 GON CCC V16 DIXIE V276 ARD	10000	Trenton
	.....	**(5)** ACK V34 SEY V268 HTO	10000	Westhampton Beach
	.....	**(1)** ACK V146 MVY V374 GON CCC	10000	Westhampton Beach
	.....	ACK V146 PVD V167 HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
	.....	ACK V146 PUT	10000	Worcester
Charleston	.....	V35	9000	Clarksburg
	.....	V4	9000	Elkins
	.....	HVQ HVQ268 KIRRK	10000	Huntington
Clarksburg	.....	V35	10000	Charleston
	.....	V37 EKN V4	10000	Charleston
	.....	V35	8000	Morgantown
	.....	V37 (OTFC only)	8000	Pittsburgh
Dover AFB	.....	ENO V268 LEEAH	7000	Atlantic City
	.....	ENO V268 SWANN	6000	Baltimore
	.....	V16 JFK V229 BDR (Single Engine only)	7000	Bridgeport
	.....	ENO V16 HEDGE	3000	Easton
	.....	V16 JFK V229 (Single Engine only)	7000	Hartford
	.....	ENO V16 CYN	7000	McGuire AFB
	.....	ENO V29 SBY V1	6000	Norfolk
	.....	ENO V16	6000	Patuxent River
	.....	ENO V29 PXT063 PXT	4000	Patuxent River
	.....	ENO V29 DQO	5000	Philadelphia
	.....	ENO V29	6000	Salisbury
	.....	ENO V16 V308 OTT	6000	Washington
	.....	ENO V29 DQO	5000	Wilmington
Dulles	.....	DIRECT	4000	Baltimore
	.....	MRB V214 WOOLY EMI V419 MXE ARD V214 METRO (−180 kts)	7000	Newark
	.....	MRB V214 WOOLY EMI V419 MXE V3 SBJ TEB METRO (−180 kts only)	7000	Teterboro
	.....	DIRECT	3000	Washington

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
Elmira	V428 V14	8000	Albany
	V72	8000	Binghamton
	V147	8000	Rochester
	V31	8000	Rochester
	V35	8000	Syracuse
	V36 V29	8000	Wilkes-Barre
	V147	8000	Wilkes-Barre
Erie	V43	9000	Buffalo
	V14	9000	Buffalo
	V2	9000	Buffalo
	V90 DKK	9000	Buffalo
	V464 DKK	9000	Buffalo
	JHW V115	9000	Buffalo
	JHW V265 DKK	9000	Buffalo
	V522 V188 JFN (East-bound)	8000	Cleveland
	V522 (East-bound)	8000	Cleveland
	JFN V14 MENTO (West-bound)	8000	Cleveland
	V37 (Overflight traffic only)	8000	Pittsburgh
	V43	8000	Youngstown
Griffiss	UCA V490 GALWA	10,000	Albany
	UCA V2	10,000	Albany
	GGT V14	10,000	Albany
	UCA V428 V29	8000	Binghamton
	UCA V428	8000	Elmira
	UCA V496	10,000	Glens Falls
	UCA V2	10,000	Syracuse
	UCA V428 V153	10,000	Syracuse
	V14 V153	10,000	Syracuse
Harrisburg	HAR V162 ETX	7000	Allentown
	LRP V39 ETX	7000	Allentown
	HAR V469 OOD V184	5000	Atlantic City
	LRP LRP144 PADRE DQO OOD V184	5000	Atlantic City
	LRP V499	6000	Baltimore
	HAR V31	8000	Baltimore
	LRP V499	7000	Binghamton
	LRP V39 ROBRT AML	8000	Dulles
	HAR V162 V39 ROBRT AML	8000	Dulles
	LRP V39 V162 FJC V6 V232 COL (Props only)	7000	Kennedy
	HAR V162 FJC V6 V232 COL (Props only)	7000	Kennedy
	HAR V162 FJC V6 V232 TYKES V123 NANCI (Props only)	7000	LaGuardia
	LRP V39 V162 FJC V6 V232 TYKES V123 NANCI (Props only)	7000	LaGuardia
	HAR V162 FJC BWZ (Props only)	7000	Newark
	LRP V39 V162 FJC BWZ (Jets only)	7000	Newark
	LRP V210 BUNTS	5000	North Philadelphia
	HAR V210 BUNTS	5000	Philadelphia
	LRP LRP082 HUMEL (RDG ILS)	3000	Reading
	HAR V12 BOYER	5000	Reading
	HAR V162 FJC STW	7000	Teterboro
	LRP V39 V162 FJC STW	7000	Teterboro
	HAR V265 KRANT	8000	Washington
	LRP V93 BAL	8000	Washington
	HAR V162 FJC STW SAX V39 BREZY	7000	Westchester Co.
	LRP V39 V162 FJC STW SAX V39 BREZY	7000	Westchester Co.
	LRP V93	7000	Wilkes-Barre
	HAR RAV HZL	7000	Wilkes-Barre
	LRP LRP144 PADRE DQO	5000	Wilmington
	V469	5000	Wilmington
Huntington	V128	9000	Charleston
	V4	9000	Charleston
	DIRECT	9000	Charleston
Manchester	EEN V93 V292 V408 LHY	10000	Allentown
	(1) GDM ORW V16 JFK V229	10000	Atlantic City
	GDM ORW V308 BRIGS	10000	Atlantic City

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	**(1)** GDM ORW V16 ENO V268 SWANN	10000	Baltimore
	.....	GDM ORW HTO V268 SWANN	10000	Baltimore
	.....	EEN V93 V292 V408 LHY V93 BAL	10000	Baltimore
	.....	**(1)** GDM ORW V16 JFK COL	10000	Belmar
	.....	GDM ORW V308 MANTA V276 DIXIE	10000	Belmar
	.....	TOMIE LWM	10000	Boston
	.....	GDM V229 WITNY	10000	Bradley
	.....	CLOWW WITNY (/E, /F, /G only)	10000	Bradley
	.....	GDM V229 HFD	10000	Bridgeport
	.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Bridgeport
	.....	**(3)** GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	.....	**(3)** CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	Danbury
	.....	**(1)** GDM ORW V16 ENO	10000	Dover AFB
	.....	GDM ORW V308 HTO V268 ENO	10000	Dover AFB
	.....	EEN V93 CTR V270	10000	Elmira
	.....	GDM ORW V16 DPK	10000	Farmingdale
	.....	GDM V14 ORW GON	10000	Groton
	.....	EEN V93 V292 V408 LHY V93 V162 HAR	10000	Harrisburg
	.....	GDM V229 HFD	10000	Hartford
	.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Hartford
	.....	LWM BOS GAILS	10000	Hyannis
	.....	GDM ORW V16 CCC	10000	Islip
	.....	GDM ORW V16 DPK	10000	Kennedy
	.....	**(3)** GDM V229 HFD V1 MAD V475	10000	LaGuardia
	.....	EEN V93 V292 V408 LHY V93	10000	Lancaster
	.....	BOS	10000	Marthas Vineyard
	.....	BOS LFV	10000	Nantucket
	.....	**(1)** GDM V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	.....	**(3)** GDM V3 CMK V623 SAX	10000	Newark & SATS
	.....	**(1)** CLOWW WITNY HFD V229 V188 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
	.....	**(3)** CLOWW WITNY HFD V3 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
	.....	GDM V229 HFD	10000	New Haven
	.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	New Haven
	.....	**(1)** GDM ORW V16 JFK V1	10000	Norfolk
	.....	GDM ORW V308 HTO V139	10000	Norfolk
	.....	**(1)** GDM ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	.....	GDM ORW V308 MANTA V276 ARD	10000	N.E. Philadelphia
	.....	**(1)** GDM ORW V16 VCN OOD	10000	Philadelphia
	.....	GDM ORW V308 BRIGS ACY V184 OOD	10000	Philadelphia
	.....	EEN V93 V292 V408 LHY V58 GRACE	10000	Pittsburgh
	.....	EEN CTR	10000	Pittsfield
	.....	GDM V151 PVD	10000	Providence
	.....	BOS	10000	Provincetown
	.....	**(1)** GDM ORW V16	10000	Richmond
	.....	GDM ORW HTO V268 ENO V16	10000	Richmond
	.....	GDM V39 STUBY V205 TRESA	10000	Stewart
	.....	CAM V490 UCA	10000	Syracuse
	.....	**(1)** GDM ORW V16 DIXIE V276 RBV	10000	Trenton
	.....	GDM ORW V308 MANTA V276 RBV	10000	Trenton
	.....	GDM V229 HFD V3 SORRY	10000	Waterbury-Oxford
	.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Waterbury-Oxford
	.....	GDM ORW V308 HTO	10000	Westhampton Beach
	.....	**(3)** GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
	.....	**(5)** EEN V93 PWL IGN V157 HAARP	10000	White Plains
	.....	**(3)** CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	White Plains
	.....	**(1)** GDM ORW V16 JFK V229 PANZE V44 SIE	10000	Wildwood
	.....	GDM ORW V308 SIE	10000	Wildwood
	.....	EEN V93 V292 V408 LHY	10000	Wilkes-Barre
	.....	GDM V229 SPENO	10000	Worcester
Manchester/Pease	.....	EEN V93 V292 V408 LHY	10000	Allentown
	.....	**(1)** MHT V106 GDM ORW V16 JFK V229	10000	Atlantic City
	.....	MHT V106 GDM ORW V308 BRIGS	10000	Atlantic City

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
.....	**(1)** MHT V106 GDM ORW V16 ENO V268 SWANN	10000	Baltimore
.....	MHT V106 GDM ORW HTO V268 SWANN	10000	Baltimore
.....	EEN V93 V292 V408 LHY V93 BAL	10000	Baltimore
.....	LWM	10000	Bedford
.....	**(1)** MHT V106 GDM ORW V16 JFK COL	10000	Belmar
.....	MHT V106 GDM ORW V308 MANTA V276 DIXIE	10000	Belmar
.....	STEVO LWM	10000	Boston
.....	MHT V106 GDM V229 WITNY	10000	Bradley
.....	CLOWW WITNY (/E, /F, /G only)	10000	Bradley
.....	MHT V106 GDM V229 HFD	10000	Bridgeport
.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Bridgeport
.....	**(3)** MHT V106 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
.....	**(3)** CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	Danbury
.....	**(1)** MHT V106 GDM ORW V16 ENO	10000	Dover AFB
.....	MHT V106 GDM ORW V308 HTO V268 ENO	10000	Dover AFB
.....	EEN V93 CTR V270	10000	Elmira
.....	MHT V106 GDM ORW V16 DPK	10000	Farmingdale
.....	MHT V106 GDM V14 ORW GON	10000	Groton
.....	EEN V93 V292 V408 LHY V93 V162 HAR	10000	Harrisburg
.....	MHT V106 GDM V229 HFD	10000	Hartford
.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Hartford
.....	EXALT V139 TONNI	10000	Hyannis
.....	MHT V106 GDM ORW V16 CCC	10000	Islip
.....	MHT V106 GDM ORW V16 DPK	10000	Kennedy
.....	**(3)** MHT V106 GDM V229 HFD V1 MAD V475	10000	LaGuardia
.....	EEN V93 V292 V408 LHY V93	10000	Lancaster
.....	EXALT V139 TONNI	10000	Marthas Vineyard
.....	EXALT V139 TONNI	10000	Nantucket
.....	**(1)** MHT V106 GDM V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
.....	**(3)** MHT V106 GDM V3 CMK V623 SAX	10000	Newark & SATS
.....	**(1)** CLOWW WITNY HFD V229 V188 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
.....	**(3)** CLOWW WITNY HFD V3 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
.....	MHT V106 GDM V229 HFD	10000	New Haven
.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	New Haven
.....	**(1)** MHT V106 GDM ORW V16 JFK V1	10000	Norfolk
.....	MHT V106 GDM ORW V308 HTO V139	10000	Norfolk
.....	LWM	10000	Norwood
.....	**(1)** MHT V106 GDM ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
.....	MHT V106 GDM ORW V308 MANTA V276 ARD	10000	N.E. Philadelphia
.....	**(1)** MHT V106 GDM ORW V16 VCN OOD	10000	Philadephia
.....	MHT V106 GDM ORW V308 BRIGS ACY V184 OOD	10000	Philadelphia
.....	EEN V93 V292 V408 LHY V58 GRACE	10000	Pittsburgh
.....	EEN CTR	10000	Pittsfield
.....	MHT V106 GDM V151 PVD	10000	Providence
.....	EXALT V139 TONNI	10000	Provincetown
.....	**(1)** MHT V106 GDM ORW V16	10000	Richmond
.....	MHT V106 GDM ORW HTO V268 ENO V16	10000	Richmond
.....	MHT V106 GDM V39 STUBY V205 TRESA	10000	Stewart
.....	MHT V490 UCA	10000	Syracuse
.....	**(1)** MHT V106 GDM ORW V16 DIXIE V276 RBV	10000	Trenton
.....	MHT V106 GDM ORW V308 MANTA V276 RBV	10000	Trenton
.....	MHT V106 GDM V229 HFD V3 SORRY	10000	Waterbury-Oxford
.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Waterbury-Oxford
.....	MHT V106 GDM ORW V308 HTO	10000	Westhampton Beach
.....	**(3)** MHT V106 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
.....	**(5)** EEN V93 PWL IGN V157 HAARP	10000	White Plains
.....	**(3)** CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	White Plains
.....	**(1)** MHT V106 GDM ORW V16 JFK V229 PANZE V44 SIE	10000	Wildwood
.....	MHT V106.GDM ORW V308 SIE	10000	Wildwood
.....	EEN V93 V292 V408 LHY	10000	Wilkes-Barre

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	MHT V106 GDM V229 SPENO	10000	Worcester
McGuire	.....	V16 DIXIE V229	4000	Atlantic City
	.....	COL COL192 DIXIE V229	4000	Atlantic City
	.....	DIXIE V16 VCN (Overflights only)	6000	Atlantic City
	.....	CYN V1 HOWIE (Overflights only)	6000	Atlantic City
	.....	DIXIE V229 BDR BDR014 JUDDS (Preferred Single Engine Route)	7000	Bradley
	.....	DIXIE V16 ENO	6000	Dover AFB
	.....	DIXIE V229 (Single Engine only)	7000	Hartford
	.....	DIXIE V229 HFD V167 PVD V151 GAILS (Single Engine Only)	7000	Hyannis
	.....	RBV V276 DIXIE V16 JFK CCC (Single Engine only)	5000	Islip
	.....	V184 ZIGGI JFK210 JFK CCC (No single engine; N/A btn 1400–2100 local)	5000	Islip
	.....	GXU GXU055 RBV122 ZIGGI JFK210 JFK (No Single Engine)	5000	Kennedy
	.....	RBV V276 DIXIE V16 JFK (Single Engine only)	5000	Kennedy
	.....	RBV V276 ZIGGI JFK210 JFK (Twins only)	5000	Kennedy
	.....	V184 ZIGGI JFK210 JFK (Twins only)	5000	Kennedy
	.....	V229 JFK (Single Engine only)	5000	Kennedy
	.....	RBV V123 NANCI (Props)	4000	LaGuardia
	.....	RBV V123 NANCI (Jets only)	8000	LaGuardia
	.....	DIXIE V229 BDR MAD V475 V188 GON V374 (Single Engine Only)	7000	Martha's Vineyard
	.....	DIXIE V229 BDR MAD V475 V188 GON V58 NEWBE DEEPO (Single Engine Only)	7000	Nantucket
	.....	V184 ZIGGI V276 RBV RBV005 OWBIE (Jets only)	6000	Newark
	.....	DIXIE V276 RBV RBV005 OWBIE (Single engine only)	5000	Newark
	.....	V229 DIXIE V276 RBV V249 METRO (Turbojet only)	4000	Newark (Sats)
	.....	V184 ZIGGI V276 ARD	4000	N. Philadelphia
	.....	V1 DIXIE V276 ARD	4000	N. Philadelphia
	.....	RBV V276 ARD	4000	No. Philadelphia
	.....	V1 CYN V312 OOD (Props only)	4000	Philadelphia
	.....	V1 CYN V312 OOD (Jets only)	5000	Philadelphia
	.....	DIXIE V229 JFK V229 BDR MAD V475 V188 GON (Single engine)	7000	Providence
	.....	DIXIE V16 VCN ATR V1	6000	Salisbury
	.....	V184 ZIGGI V276 RBV V249 SAX V39 BREZY	5000	Westchester Co.
New York/Bridgeport	.....	SOARS V487 CANAN	10000	Albany
	.....	HUO V162 FJC	5000	Allentown
	.....	DPK V16 DIXIE V229 ACY (Single Engine only)	6000	Atlantic City
	.....	MAD V1 HFD V229 GDM V39 CON	10000	Augusta
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Augusta
	.....	DPK V16 ENO V268 SWANN (Single Engine only)	6000	Baltimore
	.....	MAD V1 HFD V229 GDM V39 AUG	10000	Bangor
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Bangor
	.....	MAD V1 HFD V229 GDM V106 ENE	10000	Bar Harbor
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	.....	MAD V1 HFD HFD053 DREEM	10000	Bedford
	.....	DPK JFK COL	6000	Belmar
	.....	MAD V475 V188 GON	9000	Block Island
	.....	MAD V1 HFD HFD053 DREEM	9000	Boston (North)
	.....	**(3)** MAD V475 ORW V16 WOONS	10000	Boston
	.....	BDR BDR014 JUDDS	10000	Bradley
	.....	BDR	2000	Bridgeport SATS
	.....	SOARS V487 CAM	10000	Burlington
	.....	BDR JUDDS (/E, /F, /G only)	1000	Burlington
	.....	HUO V162 HAR	5000	Capital City
	.....	MAD V1 HFD V229 GDM V39 CON	10000	Concord
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Concord
	.....	DPK V16 DIXIE V1 LEEAH V268 BAL BAL294 KROLL AML (Single Engine only)	6000	Dulles
	.....	MAD MAD126 MONDI	7000	Groton

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	HTO	3000	Hampton
	.....	MAD V1 HFD	5000	Hartford
	.....	MAD V475 PVD V151 GAILS	10000	Hyannis
	.....	CCC	4000	Islip
	.....	MAD V1 HFD V229 GDM	10000	Keene
	.....	BDR JUDDS WHATE (/E, /F, /G only)	10000	Keene
	.....	DPK	4000	Kennedy
	.....	R/V LGA075	4000	LaGuardia
	.....	HUO V162 ETX V39 LRP	5000	Lancaster
	.....	MAD V1 HFD V229 GDM V151	10000	Lebanon
	.....	BDR JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
	.....	MAD V1 HFD V229 GDM V106 MHT	10000	Manchester
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Manchester
	.....	DPK V16 DIXIE V16 CYN (Single Engine only)	6000	McGuire
	.....	MAD V475 V188 GON V374 MVY	9000	Martha's Vineyard
	.....	MAD	3000	Meriden Markham
	.....	DPK V16 VCN (Single Engine only)	6000	Millville
	.....	MAD V475 V188 GON V58 NEWBE DEEPO	10000	Nantucket
	.....	MAD V475 V188 GON V374 MINNK	9000	New Bedford
	.....	DIRECT	2000	New Haven
	.....	CMK V188 SAX	4000	Newark
	.....	DPK V16 DIXIE V1 (Single Engine only)	6000	Norfolk
	.....	**(3)** MAD V475 ORW V16 WOONS	10000	Norwood
	.....	DPK V16 DIXIE V276 ARD (SIngle Engine only)	6000	N. Philadelphia
	.....	DIXIE V16 CYN V312 OOD (Single Engine only)	6000	Philadelphia
	.....	MAD V1 HFD V229 GDM V106 ENE	10000	Portland
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Portland
	.....	**(3)** MAD V1 HFD V229 GDM V106 RAYMY	10000	Portsmouth
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
	.....	MAD V475 V188 GON	9000	Providence
	.....	MAD V475 PVD V151 GAILS	10000	Provincetown
	.....	MAD V475 V188 GON	9000	Quonset
	.....	SAX V249 SBJ V30 ETX V39 FLOAT (Props only)	7000	Reading
	.....	DPK V16 (Single Engine only)	6000	Richmond
	.....	DPK V16 DIXIE V1 (Single Engine only)	6000	Salisbury
	.....	HAAYS HUO V273 HNK	10000	Syracuse
	.....	DPK V16 DIXIE V1 V308 OTT (Single Engine only)	6000	Washington
	.....	BDR BDR 288 RYMES	4000	Westchester Co.
	.....	DPK V16 DIXIE V229 PANZE V44 SIE (Single Engine only)	6000	Wildwood
	.....	MAD V1 GRAYM	9000	Worcester
New York /Islip	.....	SAX V249 SBJ V30 ETX (Non jet/Non turboprop)	8000	Allentown
	.....	DPK V16 DIXIE V229 ACY (Single Engine only)	6000	Atlantic City
	.....	DPK V16 DIXIE V1 V308 OTT (Single Engine only)	6000	Andrews AFB
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Augusta
	.....	DPK V16 ENO V268 SWANN (Single Engine only)	6000	Baltimore
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Bangor
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	.....	DPK JFK COL	6000	Belmar
	.....	HTO V268 SEY	7000	Block Island
	.....	HTO V308 ORW V16 WOONS	9000	Boston
	.....	MAD V1 HFD HFD053 DREEM	9000	Boston (North)
	.....	BDR BDR014 JUDDS	8000	Bradley
	.....	BDR BDR014 JUDDS (Jets only)	10000	Bradley
	.....	BDR	4000	Bridgeport
	.....	BDR JUDDS (/E, /F, /G only)	10000	Burlington
	.....	SAX V249 SBJ V30 ETX V162 HAR (Non jet/Non turboprop only)	8000	Capital City
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Concord
	.....	DPK V16 DIXIE V1 LEEAH V268 BAL BAL294 KROLL AML (Single Engine only)	6000	Dulles
	.....	HTO HTO034 MONDI	7000	Groton
	.....	HTO	3000	Hampton
	.....	MAD V1 HFD	5000	Hartford

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	HTO V139 PVD V151 GAILS	9000	Hyannis
	.....	CCC	2000	Islip (SATS)
	.....	BDR JUDDS WHATE (/E, /F, /G only)	10000	Keene
	.....	DPK	3000	Kennedy
	.....	R/V LGA075	5000	LaGuardia
	.....	HTO HT0302 NESSI LGA075	6000	LaGuardia
	.....	SAX V249 SBJ LANNA V30 ETX V39 LRP (Props only)	8000	Lancaster
	.....	BDR JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
	.....	DPK V16 CYN (Single Engine only)	6000	McGuire
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Manchester
	.....	HTO V139 WACKY V374 MVY (Single Engine)	9000	Martha's Vineyard
	.....	HTO V46 CLAMY (Twin Engine)	9000	Martha's Vineyard
	.....	MAD	5000	Meriden
	.....	DPK V16 VCN (Single Engine only)	6000	Millville
	.....	HTO V46 CLAMY (Twin Engine)	9000	Nantucket
	.....	HTO SEY V58 NEWBE DEEPO (Single Engine)	9000	Nantucket
	.....	HTO V139 WACKY	9000	New Bedford
	.....	HVN	4000	New Haven
	.....	CMK V188 SAX	4000	Newark
	.....	DPK V16 DIXIE V1 (Single Engine only)	6000	Norfolk
	.....	DPK V16 DIXIE V276 ARD (Single Engine only)	6000	N. Philadelphia
	.....	DPK V16 CYN V312 OOD (Single Engine only)	6000	Philadelphia
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Portland
	.....	MAD HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
	.....	HTO V139 WACKY	9000	Providence
	.....	HTO V139 WACKY	9000	Quonset
	.....	SAX V249 SBJ V30 ETX V39 FLOAT (Non jet/Non turboprop only)	8000	Reading
	.....	DPK V16 (Single Engine only)	6000	Richmond
	.....	DPK V16 DIXIE V1 (Single Engine only)	6000	Salisbury
	.....	DPK V16 DIXIE V1 V308 OTT (Single Engine only)	6000	Washington
	.....	BDR BDR 288 RYMES	5000	Westchester Co.
	.....	HTO BDR BDR 288 RYMES	6000	Westchester Co.
	.....	HTO V308 GON	9000	Westerly
	.....	DPK V16 DIXIE V229 PANZE V44 SIE (Single Engine only)	6000	Wildwood
	.....	MAD V1 GRAYM	9000	Worcester
New York /Kennedy	.....	SAX V249 SBJ V30 ETX (Non jet/Non turboprop)	8000	Allentown
	.....	DIXIE V229 ACY (Props only)	6000	Atlantic City
	.....	DIXIE V1 HOWIE (Jets only)	8000	Atlantic City
	.....	DIXIE V1 V308 OTT (Props only)	6000	Andrews AFB
	.....	BDR HFD CLOWW (/E, /F, /G only)	10000	Augusta
	.....	DIXIE V16 ENO V268 SWANN (Props only)	6000	Baltimore
	.....	BDR HFD CLOWW (/E, /F, /G only)	10000	Bangor
	.....	BDR HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	.....	COL	2000	Belmar
	.....	BDR MAD V475 V188 GON	9000	Block Island
	.....	BDR V229 HFD V3 WOONS	9000	Boston
	.....	BDR V229 HFD HFD053 DREEM	9000	Boston (North)
	.....	BDR HFD FOSTY WOONS (/E, /F, /G only)	10000	Boston
	.....	BDR BDR014 JUDDS	8000	Bradley
	.....	BDR (Jets only)	10000	Bradley
	.....	BDR	3000	Bridgeport
	.....	BDR JUDDS (/E, /F, /G only)	10000	Burlington
	.....	SAX V249 SBJ V30 ETX V162 HAR (Non jet/Non turboprop)	8000	Capital City
	.....	BDR HFD CLOWW (/E, /F, /G only)	10000	Concord
	.....	DIXIE V1 LEEAH V268 BAL BAL294 KROLL AML (Non-pressurized aircraft only)	6000	Dulles
	.....	BDR MAD MAD126 MONDI	9000	Groton
	.....	R/V CCC 232 CCC HTO	3000	Hampton
	.....	BDR V229 HFD	9000	Hartford
	.....	BDR V229 HFD V167 PVD V151 GAILS	9000	Hyannis
	.....	R/V ILS 6 LOC (Text Info)	3000	Islip
	.....	R/V CCC232 CCC	3000	Islip
	.....	BDR JUDDS WHATE (/E, /F, /G only)	10000	Keene

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	Direct	2000	LaGuardia
	.....	SAX V249 SBJ V30 ETX V162 V93 LRP (Props only)	8000	Lancaster
	.....	BDR JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
	.....	DIXIE V16 CYN	6000	McGuire
	.....	BDR HFD CLOWW (/E, /F, /G only)	10000	Manchester
	.....	BDR MAD V475 V188 GON V374 MVY	9000	Martha's Vineyard
	.....	BDR MAD	3000	Meriden Markham
	.....	DIXIE V16 VCN (Props only)	6000	Millville
	.....	BDR MAD V475 V188 GON V58 NEWBE DEEPO	10000	Nantucket
	.....	COL V232 SBJ	3000	Newark
	.....	BDR MAD V475 V188 GON V374 MINNK	9000	New Bedford
	.....	DIXIE V1 (Props only)	6000	Norfolk
	.....	DIXIE V276 ARD	4000	N. Philadelphia
	.....	DIXIE V16 CYN V312 OOD (Props only)	6000	Philadelphia
	.....	DIXIE V16 CYN V312 OOD (Jets only)	8000	Philadelphia
	.....	BDR HFD CLOWW (/E, /F, /G only)	10000	Portland
	.....	BDR HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
	.....	BDR MAD V475 V188 GON (210 kts +)	9000	Providence
	.....	BDR MAD V475 V188 GON	9000	Quonset
	.....	SAX V249 SBJ V30 ETX V39 FLOAT (Non jet/Non turboprop only)	8000	Reading
	.....	DIXIE V16 (Props only)	6000	Richmond
	.....	DIXIE V1 (Props only)	6000	Salisbury
	.....	DIXIE V1 V308 OTT (Props only)	6000	Washington
	.....	DPK V483 CMK	2000	Westchester Co
	.....	BDR MAD V475 V188 GON	9000	Westerly
	.....	DIXIE V229 PANZE V44 SIE (Props only)	6000	Wildwood
	.....	DIXIE V1 HOWIE (Jets only)	8000	Wildwood
	.....	BDR MAD V1 GRAYM	9000	Worcester
New York/ LaGuardia	.....	SAX V249 SBJ V30 ETX	8000	Allentown
	.....	DIXIE V229 ACY (Props only)	6000	Atlantic City
	.....	DIXIE V1 HOWIE (Jets only)	8000	Atlantic City
	.....	SAX V249 SBJ LANNA V30 ETX V39 LRP V93 BAL (Props only)	8000	Andrews AFB
	.....	BDR HFD CLOWW (/E, /F, /G only)	10000	Augusta
	.....	BDR HFD CLOWW (/E, /F, /G only)	10000	Bangor
	.....	SAX V249 SBJ LANNA V30 ETX V39 LRP V499 BAL (Props only)	8000	Baltimore
	.....	BDR HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	.....	JFK COL	6000	Belmar
	.....	BDR MAD V475 V188 GON	9000	Block Island
	.....	BDR V229 HFD V3 WOONS	9000	Boston
	.....	BDR V229 HFD HFD053 DREEM	9000	Boston (North)
	.....	BDR HFD FOSTY WOONS (/E, /F, /G only)	10000	Boston
	.....	BDR BDR014 JUDDS	8000	Bradley
	.....	BDR (Jets only)	10000	Bradley
	.....	BDR 248 CCC285 PUGGS V229 BDR	5000	Bridgeport
	.....	R/V BDR248 BDR. . .(Helicopter Route)	5000	Bridgeport (Points NE)
	.....	BDR JUDDS (/E, /F, /G only)	10000	Burlington
	.....	SAX V249 SBJ V30 ETX V162 HAR	8000	Capital City
	.....	BDR HFD CLOWW (/E, /F, /G only)	10000	Concord
	.....	SAX V249 SBJ LANNA V30 ETX V39 ROBRT AML (Props only)	8000	Dulles
	.....	BDR MAD MAD126 MONDI	9000	Groton
	.....	BDR 248 BDR HTO	5000	Hampton
	.....	BDR V229 HFD	9000	Hartford
	.....	BDR V229 HFD V167 PVD V151 GAILS	9000	Hyannis
	.....	BDR 248 CCC285 CCC	5000	Islip
	.....	BDR JUDDS WHATE (/E, /F, /G only)	10000	Keene
	.....	DPK	5000	Kennedy
	.....	SBJ SAX V249 V30 ETX V162 V93 LRP (Props only)	7000	Lancaster
	.....	BDR JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
	.....	DIXIE V16 CYN	6000	McGuire
	.....	BDR MAD V475 V188 GON V374 MVY	9000	Martha's Vineyard
	.....	BDR HFD CLOWW (/E, /F, /G only)	10000	Manchester
	.....	BDR MAD	5000	Meriden Markham
	.....	DIXIE V16 VCN (Props only)	6000	Millville
	.....	BDR MAD V475 V188 GON V58 NEWBE DEEPO	10000	Nantucket

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	SBJ	3000	Newark
	.....	BDR MAD V475 V188 GON V374 MINNK	9000	New Bedford
	.....	DIXIE V1 (Props only)	6000	Norfolk
	.....	BDR HFD CLOWW (/E, /F, /G only)	10000	Portland
	.....	BDR HFD CLOWW(/E, /F, /G only)	10000	Portsmouth
	.....	BDR MAD V475 V188 GON	9000	Providence
	.....	BDR MAD V475 V188 GON	9000	Quonset
	.....	SBJ SAX V249 V30 ETX V39 FLOAT	7000	Reading
	.....	DIXIE V16 (Props only)	6000	Richmond
	.....	DIXIE V1 (Props only)	6000	Salisbury
	.....	SAX V249 SBJ LANNA V30 ETX V39 LRP V499 BAL(Props only)	8000	Washington
	.....	CMK	3000	Westchester Co.
	.....	DIXIE V229 PANZE V44 SIE (Props only)	6000	Wildwood
	.....	DIXIE V1 HOWIE (Jets only)	8000	Wildwood
	.....	BDR MAD V1 GRAYM	9000	Worcester
New York/Newark	.....	LANNA V30 ETX (Jets only)	8000	Allentown
	.....	LANNA V30 ETX (Props only)	6000	Allentown
	.....	DIXIE V229 ACY (Props only)	6000	Atlantic City
	.....	DIXIE V1 HOWIE (Jets only)	8000	Atlantic City
	.....	BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Augusta
	.....	LANNA V30 ETX V39 LRP V499 BAL (Props only)	6000	Baltimore
	.....	(Props 210 kts +)	8000	
	.....	BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Bangor
	.....	BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	.....	COL	2000	Belmar
	.....	BDR MAD V475 V188 GON (210 kts +)	9000	Block Island
	.....	BREZY V39 CMK V3 HFD GON (- 210 kts)	9000	Block Island
	.....	BDR V229 HFD HFD053 DREEM (210 kts +)	9000	Boston (North)
	.....	BREZY V39 CMK V3 HFD HFD053 DREEM (-210 kts)	9000	Boston (North)
	.....	BDR V229 HFD V3 WOONS (210 kts +)	9000	Boston
	.....	BREZY V39 CMK V3 WOONS (-210 kts)	9000	Boston
	.....	BREZY V39 CMK V3 HFD FOSTY WOONS (/E, /F, /G only)	10000	Boston
	.....	BDR (Jets only)	10000	Bradley
	.....	BREZY V39 CMK V419 BRISS (Props only)	9000	Bradley
	.....	BDR248 CCC285 V229 (All Jets)	5000	Bridgeport
	.....	BREZY V39 CMK V374 DENNA (All Props)	6000	Bridgeport
	.....	BREZY V39 CMK SOARS JUDDS (/E, /F, /G only)	10000	Burlington
	.....	LANNA V30 ETX V162 HAR (Props only)	6000	Capital City
	.....	BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Concord
	.....	BREZY V39 CMK	3000	Danbury
	.....	LANNA V30 ETX V39 ROBRT AML (Props only)	6000	Dulles
	.....	(Props 210 kts +)	8000	
	.....	SAX V213 HELON	4000	Dutchess Co
	.....	DIXIE V1 (Props 210 kts +)	6000	Grand Strand
	.....	BDR MAD MAD126 MONDI (+ 210 kts)	9000	Groton
	.....	BREZY V39 CMK V3 HFD GON (-210 kts)	9000	Groton
	.....	BDR 248 BDR HTO (All Jets)	5000	Hampton
	.....	BREZY V39 CMK V374 BETHA HTO (All Props)	6000	Hampton
	.....	LANNA V30 ETX V162 HAR (Props only)	6000	Harrisburg Intl
	.....	(Props 210 kts +)	8000	
	.....	BDR V229 HFD (210 kts +)	9000	Hartford
	.....	LANNA V30 ETX (Props only)	6000	Hazleton Muni
	.....	(Props 210 kts +)	8000	
	.....	BREZY V39 CMK V3 HFD (-210 kts)	9000	Hartford
	.....	BDR V229 HFD V167 PVD V151 GAILS (210 kts +)	9000	Hyannis
	.....	BREZY V39 CMK V3 HFD V167 PVD V151 GAILS (- 210 kts)	9000	Hyannis
	.....	BDR 248 CCC285 CCC (All Jets)	5000	Islip
	.....	BREZY V39 CMK V374 DENNA BDR CCC (All Props)	6000	Islip

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	BREZY V39 CMK SOARS JUDDS WHATE (/E, /F, /G only)	10000	Keene
	.....	R/V DPK282 (EWR Dep 4 & EWRN)	5000	Kennedy
	.....	COL JFK (EWR Dep 22 & EWRS)	4000	Kennedy
	.....	LANNA V30 ETX V39 LRP (Props only)	6000	Lancaster
	.....	(Props 210 kts +)	8000	
	.....	BREZY V39 CMK SOARS JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
	.....	**(4)(5)** LANNA V30 ETX	8000	Lehigh Valley Intl
	.....	DIXIE V16 (Props only)	6000	Lynchburg Rgnl/Preston Glenn Fld
	.....	BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Manchester
	.....	BDR MAD V475 V188 GON V374 MVY (210 kts +)	9000	Martha's Vineyard
	.....	BREZY V39 CMK V3 HFD GON V374 MVY (-210 kts)	9000	Martha's Vineyard
	.....	DIXIE V16 CYN	6000	McGuire
	.....	BDR MAD	5000	Meriden
	.....	**(2)** BREZY V39 CMK V3 YALER	5000	Meriden
	.....	DIXIE V16 VCN (Props only)	6000	Millville
	.....	BREZY V39 CMK V374 BETHA HTO	6000	Montauk
	.....	BREZY V39 CMK V3 HFD V58 NEWBE DEEPO	10000	Nantucket
	.....	BDR MAD V475 V188 GON V374 MINNK (210 kts +)	9000	New Bedford
	.....	BREZY V39 CMK V3 HFD V167 PVD (-210 kts)	9000	New Bedford
	.....	**(4)** BIGGY V3 MAZIE	8000	New Castle Co
	.....	(Props only)	4000	
	.....	DIXIE V1 (Props only)	6000	Norfolk
	.....	BIGGY V3 MAZIE	4000	Northeast Philadelphia
	.....	SAX V213 HELON	4000	Orange Co
	.....	**(4)** BIGGY V3 MAZIE	8000	Philadelphia Intl
	.....	(Props only)	4000	
	.....	BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Portland
	.....	BREZY V39 CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
	.....	SBJ BIGGY B3 MAZIE	4000	Pottstown Limerick
	.....	BDR MAD V475 V188 GON (210 kts+)	9000	Providence
	.....	BREZY V39 CMK V3 HFD V167 PVD (-210 kts)	9000	Providence
	.....	BDR MAD V475 V188 GON (210 kts +)	9000	Quonset
	.....	BREZY V39 CMK V3 HFD V167 PVD (- 210 kts)	9000	Quonset
	.....	DIXIE V16 RIC V157 LVL V155 (Props only)	6000	Raleigh–Durham Intl
	.....	**(4)** SBJ LANNA V30 ETX	8000	Reading Rgnl/Carl A Spaatz Fld
	.....	(Props only)	4000	
	.....	DIXIE V16 (Props only)	6000	Richmond
	.....	LANNA V30 ETX V39 LRP V93 BAL (Props only)	6000	Ronald Reagan Washington Natl
	.....	(Props 210 kts +)	8000	
	.....	DIXIE V1 (Props only)	6000	Salisbury
	.....	SAX SAX022 MANEE	4000	Stewart Intl
	.....	SAX V213 HELON	4000	Sullivan Co Intl
	.....	BREZY V39 CMK V374 BETHA HTO	6000	The Francis S Gabreski Arpt
	.....	BIGGY V3 MAZIE	4000	Trenton Mercer
	.....	BREZY V39 CMK V374 DENNA	6000	Waterbury–Oxford
	.....	BREZY	3000	Westchester Co.
	.....	DIXIE V229 PANZE V44 SIE (Props only)	6000	Wildwood
	.....	Dixie V1 Howie (Jets only)	8000	Wildwood
	.....	BDR MAD V1 GRAYM (210 kts +)	9000	Worcester
	.....	BREZY V39 CMK V3 HFD V1 GRAYM (-210 kts)	9000	Worcester
New York/Stewart	.....	STUBY V487 CANAN	10000	Albany
	.....	STUBY V93 CON	10000	Augusta
	.....	STUBY V93 CON V39 AUG	10000	Bangor
	.....	STUBY V93 ENE	10000	Bar Harbor

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	STUBY CEF CEF088 DREEM	10000	Bedford
	.....	PWL HFD V3 WOONS	10000	Boston
	.....	PWL PWL111 BRISS or PWL V106 BAF (BAF/CEF)	10000	Bradley
	.....	STUBY V487 CAM	10000	Burlington
	.....	STUBY V93 CON	10000	Concord
	.....	PWL HFD GON	10000	Groton
	.....	PWL PWL111 BRISS	10000	Hartford
	.....	PWL HFD V167 PVD V151 GAILS	10000	Hyannis
	.....	STUBY	10000	Keene
	.....	STUBY	10000	Lebanon
	.....	STUBY V93 EEN	10000	Manchester
	.....	PWL HFD V374 MVY	10000	Marthas Vineyard
	.....	PWL HFD V58 NEWBE DEEPO	10000	Nantucket
	.....	PWL HFD V3 WOONS	10000	Norwood
	.....	STUBY V93 EEN	10000	Portland
	.....	PWL V106 RAYMY	10000	Portsmouth
	.....	PWL HFD V167 PVD	10000	Providence
	.....	PWL HFD V167 PVD V151 GAILS	10000	Provincetown
	.....	WEARD DNY	10000	Syracuse
	.....	PWL V106 BAF	10000	Worcester
New York/ Westchester	.....	CMK V39 SOARS V487 CANAN	10000	Albany
	.....	HUO V162 FJC	5000	Allentown
	.....	DIXIE V229 ACY (Props only)	6000	Atlantic City
	.....	DIXIE V1 HOWIE (Jets Onlly)	8000	Atlantic City
	.....	CMK V3 HFD V229 GDM V39 CON	10000	Augusta
	.....	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Augusta
	.....	SAX V249 SBJ LANNA V30 ETX V39 LRP V499 BAL (Props only)	8000	Baltimore
	.....	CMK V3 HFD V229 GDM V39 AUG	10000	Bangor
	.....	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Bangor
	.....	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Bar Harbor
	.....	CMK V3 HFD V229 GDM V106 ENE	10000	Bar Harbor
	.....	JFK COL	6000	Belmar
	.....	CMK V3 HFD HFD053 DREEM	10000	Boston & NO SATS
	.....	**(3)** CMK V3 WOONS	10000	Boston
	.....	CMK V3 HFD FOSTY WOONS (/E, /F, /G only)	10000	Boston
	.....	CMK V419 BRISS	10000	Bradley
	.....	CMK V374 DENNA	5000	Bridgeport
	.....	CMK V39 SOARS V487 BTV	10000	Burlington
	.....	CMK SOARS JUDDS (/E, /F, /G only)	10000	Burlington
	.....	HUO V162 HAR	5000	Capital City
	.....	CMK V3 HFD V229 GDM V39 CON	10000	Concord
	.....	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Concord
	.....	SAX V249 SBJ LANNA V30 ETX V39 ROBRT AML (Props only)	8000	Dulles
	.....	CMK V3 HFD GON	10000	Groton
	.....	CMK V374 BETHA HTO	5000	Hampton
	.....	CMK V3 HFD	10000	Hartford
	.....	CMK V3 HFD V167 PVD V151 GAILS	10000	Hyannis
	.....	CMK V374 DENNA BDR CCC	5000	Islip
	.....	CMK V3 HFD V229 GDM	10000	Keene
	.....	CMK SOARS JUDDS WHATE (/E, /F, /G only)	10000	Keene
	.....	CMK V483 DPK	3000	Kennedy
	.....	DIRECT	3000	LaGuardia
	.....	HUO V162 ETX V39 LRP	5000	Lancaster
	.....	CMK V3 HFD V229 GDM V151	10000	Lebanon
	.....	CMK SOARS JUDDS WHATE (/E, /F, /G only)	10000	Lebanon
	.....	CMK V3 HFD V229 GDM V106 MHT	10000	Manchester
	.....	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Manchester
	.....	CMK V3 HFD GON V374 MVY	10000	Martha's Vineyard
	.....	DIXIE V16 CYN	6000	McGuire
	.....	Dixie V16 VCN (Props only)	6000	Millville
	.....	CMK V3 HFD V58 NEWBE DEEPO	10000	Nantucket
	.....	CMK V374 DENNA	5000	New Haven
	.....	NYACK V188 SAX (Props)	4000	Newark
	.....	NYACK V188 SAX (Jets)	5000	Newark
	.....	DIXIE V1 (Props only)	6000	Norfolk
	.....	CMK V3 WOONS	10000	Norwood & N SATS
	.....	CMK V3 HFD V229 GDM V106 ENE	10000	Portland

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Portland
	.....	CMK V3 HFD V229 GDM V106 RAYMY	10000	Portsmouth
	.....	CMK V3 HFD CLOWW (/E, /F, /G only)	10000	Portsmouth
	.....	CMK V3 HFD V167 PVD	10000	Providence
	.....	CMK V3 HFD V167 PVD V151 GAILS	10000	Provincetown
	.....	SAX V249 SBJ V30 ETX V39 FLOAT (Props only)	7000	Reading
	.....	DIXIE V16 (Props only)	6000	Richmond
	.....	SAX V249 SBJ LANNA V30 ETX V39 LRP V93 BAL (Props only)	8000	Ronald Reagan Washington Natl
	.....	DIXIE V1 (Props only)	6000	Salisbury
	.....	HAAYS HUO V273 SYR	10000	Syracuse
	.....	DIXIE V229 PANZE V44 SIE (Props only)	6000	Wildwood
	.....	DIXIE V1 HOWIE (Jets only)	8000	Wildwood
	.....	CMK V3 HFD V1 GRAYM	10000	Worcester
Norfolk	.....	HCM V33 COLIN V16 PXT	9000	Patuxent River
	.....	HPW V260 RIC (West-bound only)	9000	Richmond
	.....	CCV V1 SBY	5000	Salisbury
	.....	CCV V139 SWL (Northeast-bound only)	5000	Snow Hill
	.....	HCM HCM330 SVILL	7000	Washington
Patuxent	.....	SWL V139	5000	Atlantic City
	.....	PXT V16 V44	5000	Atlantic City
	.....	SBY V1 V44	5000	Atlantic City
	.....	SBY332 BAL133	4000	Baltimore
	.....	PXT V93	5000	Baltimore
	.....	SBY V29 ENO	5000	Dover AFB
	.....	PXT V16 ENO	5000	Dover AFB
	.....	PXT V16	5000	Dover AFB
	.....	SBY VI ATR	5000	Dover AFB
	.....	PXT V213 V286 FLUKY	6000	Dulles
	.....	COLIN V33 HCM	6000	Newport News
	.....	SBY V1 CCV	6000	Norfolk
	.....	SWL V139 CCV	6000	Norfolk
	.....	WHINO V33 V286 STEIN	5000	Norfolk
	.....	PXT V213 ENO V29 DQO	5000	Philadelphia
	.....	SBY V29 DQO	5000	Philadelphia
	.....	PXT V16	6000	Richmond
	.....	SBY V1 JAMIE HCM	6000	Richmond
	.....	COLIN V33 HCM	6000	Richmond
	.....	PXT V31 OTT (No Overflight of D.C. Area)	4000	Washington
	.....	SBY CHURK OTT (No Overflight of D.C. Area)	4000	Washington
Philadelphia	.....	RV FJC185 FJC	4000	Allentown
	.....	OOD VCN V184 ACY	3000	Atlantic City
	.....	MXE V378 BAL	6000	Baltimore
	.....	DQO V166 V378 BAL	6000	Baltimore
	.....	OOD V157 ENO	4000	Dover AFB
	.....	DQO V29 ENO	4000	Dover AFB
	.....	MXE V408 ROBRT AML	8000	Dulles
	.....	MXE V184 MXE283027 V469 HAR	6000	Harrisburg
	.....	PNE PNE090 ARD126 V16 DIXIE (Direct) (Single Engine only)	5000	Kennedy
	.....	PNE PNE090 ARD126 V16 V276 ZIGGI (Direct) (No Single Engine)	5000	Kennedy
	.....	RBV V123 PROUD (Jets only)	8000	LaGuardia
	.....	MXE MXE295 HABER LRP137 LRP	4000	Lancaster
	.....	ARD V214 METRO (Non Turbojets only)	5000	Newark
	.....	RBV RBV005 OWBIE (Turbojet only)	7000	Newark
	.....	MXE MXE334 HUMEL	4000	Reading
	.....	REGLE V3 SBJ	4000	Teterboro
	.....	MXE V408 VINNY V93 BAL	8000	Washington
	.....	DQO V166 V93 BAL	8000	Washington
	.....	RV FJC185 FJC BWZ SAX V39 BREZY	5000	Westchester Co.
	.....	RV FJC185 FJC V149 RITTY	5000	Wilkes Barre/Scranton
Pittsburgh	.....	BSV (Westbound only)	8000	Akron-Canton
	.....	V37 (Southbound only)	8000	Clarksburg
	.....	EWC V37 (Northbound only)	8000	Erie

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	EWC (Northbound only)	6000	Franklin
	.....	EWC TDT (Northbound only)	6000	Jamestown
	.....	DIRECT (Southbound only)	8000	Morgantown
	.....	EWC (Northbound only)	8000	Youngstown
Portland	.....	CON CAM	10000	Albany
	.....	DIRECT	10000	Bangor
	.....	DIRECT	10000	Bar Harbor
	.....	ENE LWM	10000	Bedford & NO SATS
	.....	**(3)** ENE PSM PSM221 STEVO LWM	10000	Boston
	.....	**(5)** ENE V167 SCUPP	10000	Boston
	.....	ENE V106 GDM V229 WITNY	10000	Bradley
	.....	CLOWW WITNY (/E, /F, /G only)	10000	Bradley
	.....	ENE V106 GDM V229 HFD	10000	Bridgeport
	.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Bridgeport
	.....	**(3)** ENE V106 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	.....	**(3)** CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	Danbury
	.....	ENE V106 GDM V14 ORW V16 DPK	10000	Farmingdale
	.....	ENE V106 GDM V14 ORW GON	10000	Groton
	.....	ENE V106 GDM V229 HFD	10000	Hartford
	.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Hartford
	.....	ENE V139 TONNI	10000	Hyannis
	.....	ENE V106 GDM V14 ORW V16 CCC	10000	Islip
	.....	ENE V106 GDM V14 ORW V16 DPK	10000	Kennedy
	.....	ENE V139 TONNI	10000	Marthas Vineyard
	.....	ENE V139 TONNI	10000	Nantucket
	.....	**(1)** ENE V106 GDM V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	.....	**(3)** ENE V106 GDM V3 CMK V623 SAX	10000	Newark & SATS
	.....	**(1)** CLOWW WITNY HFD V229 V188 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
	.....	**(3)** CLOWW WITNY HFD V3 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
	.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	New Haven
	.....	**(1)** ENE V106 GDM V14 ORW V16 V276 ARD	10000	N.E. Philadelphia
	.....	ENE V106 GDM V14 ORW V308 MANTA V276 ARD	10000	N.E. Philadelphia
	.....	ENE LWM	10000	Norwood
	.....	ENE V139 BURDY	10000	Providence
	.....	ENE V139 TONNI	10000	Provincetown
	.....	ENE V93 STUBY V205 TRESA	10000	Stewart
	.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Waterbury-Oxford
	.....	**(3)** CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	White Plains
	.....	ENE V106 GDM V229 SPENO	10000	Worcester
Portland/Augusta	.....	CON CAM	10000	Albany
	.....	DIRECT	10000	Bangor
	.....	DIRECT	10000	Bar Harbor
	.....	ENE LWM	10000	Bedford & NO SATS
	.....	**(3)** ENE PSM PSM 221 STEVO LWM	10000	Boston
	.....	**(5)** ENE V167 SCUPP	10000	Boston
	.....	LABEL V39 GDM V229 WITNY	10000	Bradley
	.....	CLOWW WITNY (/E, /F, /G only)	10000	Bradley
	.....	LABEL V39 GDM V229 HFD	10000	Bridgeport
	.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Bridgeport
	.....	LABEL V39 CON	10000	Concord
	.....	**(3)** LABEL V39 GDM V229 HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	.....	**(3)** CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	Danbury
	.....	LABEL V39 GDM V14 ORW V16 DPK	10000	Farmingdale
	.....	LABEL V39 GDM V14 ORW GON	10000	Groton
	.....	LABEL V39 GDM V229 HFD	10000	Hartford
	.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Hartford
	.....	ENE V139 TONNI	10000	Hyannis
	.....	LABEL V39 GDM V14 ORW V16 CCC	10000	Islip
	.....	LABLE V39 GDM V14 ORW V16 DPK	10000	Kennedy

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	ENE MHT	10000	Manchester
	.....	ENE V139 TONNI	10000	Marthas Vineyard
	.....	ENE V139 TONNI	10000	Nantucket
	.....	**(1)** LABEL V39 GDM V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	.....	**(3)** LABEL V39 GDM V3 CMK V623 SAX	10000	Newark & SATS
	.....	**(1)** CLOWW WITNY HFD V229 V188 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
	.....	**(3)** CLOWW WITNY HFD V3 CMK V623 SAX (/E, /F, /G only)	10000	Newark & SATS
	.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	New Haven
	.....	**(1)** LABEL V39 GDM V14 ORW V16 V276 ARD	10000	N.E. Philadelphia
	.....	LABEL V39 GDM V14 ORW V308 MANTA V276 ARD	10000	N.E. Philadelphia
	.....	ENE LWM	10000	Norwood
	.....	ENE	10000	Portsmouth
	.....	ENE V139 BURDY	10000	Providence
	.....	ENE V139 TONNI	10000	Provincetown
	.....	LABEL V39 STUBY V205 TRESA	10000	Stewart
	.....	CLOWW WITNY HFD (/E, /F, /G only)	10000	Waterbury-Oxford
	.....	**(3)** CLOWW WITNY HFD V1 MAD V475 BDR BDR288 RYMES (/E, /F, /G only)	10000	White Plain
	.....	LABEL V39 GDM V229 SPENO	10000	Worcester
Providence	.....	PUT ALB	10000	Albany
	.....	HFD PWL V106 WEETS HUO V162	5000	Allentown/Harrisburg
	.....	**(1)** ORW V16 JFK V229	10000	Atlantic City
	.....	WOONS BOS PSM ENE	10000	Augusta
	.....	**(1)** ORW V16 ENO V268 SWANN	10000	Baltimore
	.....	WOONS BOS PSM ENE BGR	10000	Bangor
	.....	WOONS BOS PSM ENE	10000	Bar Harbor
	.....	WOONS	10000	Bedford & NO SATS
	.....	**(3)** WOONS	10000	Boston
	.....	**(5)** PVD V151 INNDY	10000	Boston
	.....	PVD V405 BDL	10000	Bradley
	.....	HFD	10000	Bridgeport
	.....	PUB ALB V14	10000	Buffalo
	.....	PUT V151 GDM V229	10000	Burlington
	.....	WOONS MHT CON	10000	Concord
	.....	**(3)** HFD V1 MAD V475 BDR BDR288 RYMES	10000	Danbury
	.....	**(5)** PUT BAF IGN V157 HAARP	10000	Danbury
	.....	**(1)** ORW V16 ENO	10000	Dover AFB
	.....	PUT CTR V270	10000	Elmira
	.....	PUT CTR V270	10000	Erie
	.....	SEY HTO V46 DPK	10000	Farmingdale
	.....	HFD	10000	Hartford
	.....	PVD V151 GAILS	10000	Hyannis
	.....	SEY HTO V46 CCC	10000	Islip
	.....	PUT V151 GDM	10000	Keene
	.....	SEY HTO V46 DPK	10000	Kennedy
	.....	PVD V167 HFD V1 MAD V475	10000	LaGuardia
	.....	PUT V151	10000	Lebanon
	.....	WOONS	10000	Manchester
	.....	PVD V167 TUTOR	10000	Marthas Vineyard
	.....	**(1)** ORW V16 CYN	10000	McGuire AFB
	.....	PVD PVD143 CLAMY	10000	Nantucket
	.....	**(1)** PVD V167 HFD V229 SEALL V188 CMK V623 SAX	10000	Newark & SATS
	.....	**(3)** PVD V167 HFD V3 CMK V623 SAX	10000	Newark & SATS
	.....	HFD	10000	New Haven
	.....	**(1)** ORW V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	.....	WOONS	10000	Norwood & SO SATS
	.....	**(1)** ORW V16 VCN OOD	10000	Philadelphia
	.....	WOONS BOS PSM ENE	10000	Portland
	.....	WOONS BOS	10000	Portsmouth
	.....	PVD V151 GAILS	10000	Provincetown
	.....	**(1)** ORW V16	10000	Richmond
	.....	PUT ALB	10000	Rochester
	.....	PVD V405 BDL V205 TRESA	10000	Stewart
	.....	PUT ALB	10000	Syracuse
	.....	**(1)** ORW V16 DIXIE V276 ARD	10000	Trenton

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	HFD	10000	Waterbury–Oxford
	.....	SEY HTO V46 CCC	10000	Westhampton Beach
	.....	PVD V167 HFD V1 MAD V475 BDR BDR288 RYMES	10000	White Plains
	.....	HFD PWL V106 LHY	5000	Wilkes-Barre
	.....	PUT	10000	Worcester
Providence/Groton	.....	GON BAF V146	10000	Albany
	.....	HFD PWL V106 WEETS HUO V162	5000	Allentown/Harrisburg
	.....	**(1)** GON V374 CREAM V16 JFK V229	10000	Atlantic City
	.....	ORW V16 BOS PSM ENE	10000	Augusta
	.....	**(1)** GON V374 CREAM V16 ENO V268 SWANN	10000	Baltimore
	.....	ORW V16 BOS PSM ENE BGR	10000	Bangor
	.....	ORW V16 BOS PSM ENE	10000	Bar Harbor
	.....	ORW V16 WOONS	10000	Bedford & NO SATS
	.....	**(3)** ORW V16 WOONS	10000	Boston
	.....	**(5)** PVD V151 INNDY	10000	Boston
	.....	HFD	10000	Bradley
	.....	GON V374 CREAM	10000	Bridgeport
	.....	GON BAF V146 ALB V14	10000	Buffalo
	.....	ORW V14 GDM V229	10000	Burlington
	.....	ORW V16 WOONS MHT CON	10000	Concord
	.....	**(3)** GON V374 CREAM BDR BDR288 RYMES	10000	Danbury
	.....	**(5)** ORW BAF IGN V157 HAARP	10000	Danbury
	.....	**(1)** GON V374 CREAM V16 ENO	10000	Dover AFB
	.....	GON CTR V270	10000	Elmira
	.....	GON CTR V270	10000	Erie
	.....	GON V374 CREAM V16 DPK	10000	Farmingdale
	.....	HFD	10000	Hartford
	.....	PVD V151 GAILS	10000	Hyannis
	.....	GON V374 V16 CCC	10000	Islip
	.....	ORW V14 GDM	10000	Keene
	.....	GON V374 CREAM V16 DPK	10000	Kennedy
	.....	GON V374 CREAM BDR V475	10000	LaGuardia
	.....	ORW V14 GDM V151	10000	Lebanon
	.....	ORW V16 WOONS	10000	Manchester
	.....	GON V374 MVY	10000	Marthas Vineyard
	.....	**(1)** GON V374 CREAM V16 CYN	10000	McGuire AFB
	.....	GON V58 NEWBE DEEPO	10000	Nantucket
	.....	**(1)** GON HFD V229 SEALL V188 CMK V623 SAX	10000	Neward & SATS
	.....	**(3)** GON HFD V3 CMK V623 SAX	10000	Newark & SATS
	.....	GON V374 CREAM	10000	New Haven
	.....	**(1)** GON V374 CREAM V16 DIXIE V276 ARD	10000	N.E. Philadelphia
	.....	ORW V16 WOONS	10000	Norwood & SO SATS
	.....	**(1)** GON V374 CREAM V16 VCN OOD	10000	Philadelphia
	.....	ORW V16 WOONS BOS PSM ENE	10000	Portland
	.....	ORW V16 WOONS BOS	10000	Portsmouth
	.....	PVD V151 GAILS	10000	Provincetown
	.....	**(1)** GON V374 CREAM V16	10000	Richmond
	.....	GON BAF V146 ALB	10000	Rochester
	.....	GON BDL V205 TRESA	10000	Stewart
	.....	GON BAF V146 ALB	10000	Syracuse
	.....	**(1)** GON V374 CREAM V16 DIXIE V276 ARD	10000	Trenton
	.....	GON V374 CREAM	10000	Waterbury-Oxford
	.....	GON V374 V16 CCC	10000	Westhampton Beach
	.....	GON V374 CREAM BDR BDR288 RYMES	10000	White Plains
	.....	HFD PWL V106 LHY	5000	Wilkes-Barre
	.....	ORW V14 GRAYM	10000	Worcester
Reading	.....	ETX	3000	Allentown
	.....	BOYER V12 HAR	4000	Harrisburg
	.....	V39	4000	Lancaster
	.....	FJC BWZ	5000	Newark
	.....	PTW	5000	No.Philadelphia
	.....	MXE 355 BUNTS	5000	Philadelphia
	.....	V93	5000	Wilkes-Barre
	.....	MXE V29 DQO	5000	Wilmington
Richmond	.....	V286 STEIN	5000	Norfolk
	.....	V33 HCM	6000	Norfolk
	.....	V38 HCM	9000	Norfolk

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	V16	5000	Patuxent River NAS
	.....	V33	5000	Patuxent River
	.....	V376	8000	Washington
	.....	V155	4000	Washington
	.....	BRV	5000	Washington
Roanoke	.....	PSK V45	7000	Greensboro
	.....	V103	10000	Greensboro
Rochester	.....	V31 V14	10000	Albany
	.....	V119 GEE V252	8000	Binghamton
	.....	V2	10000	Buffalo
	.....	V119 GEE V464 DKK V14 MENTO	10000	Cleveland
	.....	V119 GEE V464	10000	Dunkirk
	.....	V147	8000	Elmira
	.....	V119 GEE V464 DKK V14	10000	Erie
	.....	V34 BEEPS	8000	Ithaca
	.....	V2 BUF V115	6000	Jamestown
	.....	V119 GEE V464 LANGS V115	10000	Jamestown
	.....	V510 EHMAN	10000	Niagara Falls
	.....	V119 GEE V464 DKK V14 ERI V37 (Overflight traffic only)	10000	Pittsburgh
	.....	V2	10000	Syracuse
	.....	V119 GEE V464 DKK V14 ERI V43	10000	Youngstown
Syracuse	.....	VESPE V14 ALB	10000	Albany
	.....	V483 SHERB V14 ALB GDM V431 LOBBY	10000	Bedford
	.....	V29	6000	Binghamton
	.....	V483 SHERB V14 ALB GDM V431 REVER	10000	Boston
	.....	ALB	10000	Bradley
	.....	RKA V433 PETER V270 ATHOS V44 DENNA	10000	Bridgeport
	.....	**(3)** RKA V433 TRESA V123 HAARP	10000	Danbury
	.....	V35	8000	Elmira
	.....	V29 V428	8000	Elmira
	.....	ALB V130 BDL GON	10000	Groton
	.....	ALB	10000	Hartford
	.....	ALB V130 BDL V405 PVD V151 GAILS	10000	Hyannis
	.....	ALB V130 BDL V405 MVY	10000	Marthas Vineyard
	.....	ALB V130 BDL V405 MVY	10000	Nantucket
	.....	V483 SHERB V14 ALB GDM V431 LOBBY	10000	Norwood
	.....	CAM CON	10000	Portland
	.....	ALB V130 BDL V405 PVD	10000	Providence
	.....	ALB V130 BDL V405 PVD V151 GAILS	10000	Provincetown
	.....	V14	10000	Rochester
	.....	ALB V130 MOLDS	10000	Worcester
Washington	.....	DIRECT	4000	Baltimore
	.....	DIRECT	3000	Dulles
	.....	V265	5000	Harrisburg
	.....	V265 V457 LRP	5000	Lancaster
	.....	V265 EMI V419 MXE ARD V214 METRO (−180 kts only)	7000	Newark
	.....	DIRECT	3000	Patuxent River NAS
	.....	V123 V433 DQO	7000	Philadelphia
	.....	V155 COATT	8000	Richmond
	.....	BRV	6000	Richmond
	.....	V286	5000	Richmond
	.....	BAL V378 MXE V3 SBJ TEB (−180 kts only)	7000	Teterboro
Westchester (See New York/Westchester)				
Wilkes-Barre	.....	V164 ETX	5000	Allentown
	.....	V29	8000	Binghamton
	.....	V149	8000	Binghamton
	.....	V499	7000	Binghamton
	.....	V147	8000	Elmira
	.....	V36	8000	Elmira
	.....	V106 SEG V31	8000	Harrisburg
	.....	HZL RAV	8000	Harrisburg
	.....	V93	6000	Lancaster
	.....	V613 FJC BWZ (Non jets only)	5000	Newark
	.....	V613 FJC BWZ (Jets only)	6000	Newark
	.....	V93	6000	Reading

NORTH AMERICAN ROUTES FOR NORTH ATLANTIC TRAFFIC (NAR)

''NORTH AMERICAN ROUTE PROGRAM (NRP).''

Introduction

(a) The North American Route Program (NRP) is a joint FAA and NAV CANADA program, the objective of which is to harmonize and adopt common procedures, to the extent possible, for application to random route flight operations at and above FL 290 within the conterminous U.S. and Canada.

(b) The NRP will be implemented through various phases with the end goal of allowing all international and domestic flight operations to participate in the NRP throughout the conterminous U.S., Alaska, and Canada.

(c) Flights may participate in the NRP under specific guidelines and filing requirements:

1. provided the flight originates and terminates within conterminous U.S. and Canada; or,
2. for North Atlantic international flights operating within the North American Route (NAR) System.

FAA/NAV CANADA Common Procedures

The following common FAA and NAV CANADA procedures apply:

(a) Flights to operate at or above FL 290.

(b) For that portion of flight within 200 NM of the departure or destination airport, flights shall be filed and operated via Standard Instrument Departures (SID), Departure Procedures (DP), Standard Terminal Arrival Routes (STAR) or published Preferred IFR Routes. If none of the above are available, airways may be used.

(c) NRP flights are not normally subject to routing restrictions such as published Preferred IFR Routes or airways, beyond a 200 NM radius of both the departure and destination airports.

(d) Flight planning requirements are:

1. routes shall contain at least one significant point in each delegated area of airspace jurisdiction for each FAA Air Route Traffic Control Center (ARTCC) or Canadian FIR/CTA;
2. significant points may be a navigational aid or waypoint defined in fix-radial distance (FRD) format from a navigational aid. Within Canadian airspace a significant point may also be a coordinate described in degrees and minutes of latitude/longitude;
3. for routes that cross the U.S./Canadian border, a significant point within 30 NM of either side of the border shall be filed;
4. significant points should be filed for all turnpoints;
5. route(s) shall avoid active Class F airspace;
6. ''NRP'' shall be entered in the Remarks section of the flight plan; and
7. flight plans to be filed at least one hour prior to departure.

(e) In the event that a NRP aircraft has to be recleared due to weather or tactical reasons, ATC will attempt to return the aircraft to the original NRP routing as soon as practical. Aircraft that depart from the NRP routing due to a pilot request or an ATC clearance authorizing a direct routing will be considered as a non participant of the NRP.

(f) Unless published routing restrictions are in effect, North Atlantic International flights planning to operate within the NAR System may file NRP routes beyond 200 NM of the NAR identified system airport and the published Inland Navigation Fixes (INFs).

Specific FAA Requirements

The following specific FAA requirements apply:

(a) Flights may not be filed via a DP/STAR within offshore transition areas (12 NM or more off the U.S. shoreline).

(b) Flights may be filed and flown on the complete transition of DPs and/or STARs for specific airports in lieu of the 200 NM route planning requirement described in Common Procedures, paragraph ''b'' above. For listing of the airports refer to the current FAA Advisory Circular–NRP.

(c) Flights not meeting the above guidelines are to be requested through the FAA nonpreferred route programs. Those requests will be approved/disapproved on a workload permitting basis.

NORTH AMERICAN ROUTE (NAR) SYSTEM

GENERAL

a. The objectives of the NAR System are as follows:

1. To expedite flight planning.
2. To reduce the complexity of route clearances and thereby minimize the confusion and error potential inherent in lengthy transmissions and readbacks; and
3. To minimize the time spent in the route clearance delivery function.

b. The NAR System is designed to accommodate major airports in North America where the volume of North Atlantic (NAT) traffic and route complexity dictate a need to meet the above objectives. It is for the use of traffic entering/exiting the NAT and consists of a series of pre–planned routes from/to coastal fixes and identified system airports. Most of the routes are divided into two portions:

1. Common Portion: That portion of the route between specified coastal fix and a specified inland navigation fix (INF). Some routes have a common portion only.
2. Non-common Portion: That portion of the route between a specified INF and a system airport. The routes are within the high level airspace structure with a transition to/from system airports.

c. The routes are prefixed by the abbreviation ''N'' with the numbering for the common portions orientated geographically from south to north. The ODD numbers have eastbound applications while the EVEN numbers apply to westbound. Following a one- to three-digit number, an alpha character indicates the validation codes and forms part of the route identifier. Validation codes are associated to amendments to the common routes only and not to non–common route portions.

d. Since a primary function of the NAR system is to compliment the NAT traffic flow; a limited number of NAR routes, appropriate for the coastal fixes serving the organized OTS and the domestic traffic organization, are included in the daily NAT/OTS message published by the Gander and Shanwick Oceanic Area Centers.

e. Aircraft can only join the NAR system:

1. At an identified coastal fix; or
2. On departure from one of the identified system airports; or
3. At an identified INF.

FLIGHT PLANNING—GENERAL

Westbound

a. Westbound routes begin at the coastal fixes, thence along common route portions to an INF and then fan out along non common routes to selected system airports;

b. For aircraft proceeding to an identified system airport and the route of flight to destination is described by a single NAR designator, use the designator;

c. For aircraft proceeding to a non system airport but the route of flight is described by the common route portion to an identified INF, use the designator to the INF followed by a detailed routing to the destination.

Eastbound

a. Eastbound routes only have a common portion from the INF to a coastal fix;

b. When the route of flight is described by a single NAR designator, use the designator;

c. For aircraft departing from a non system airport, file via an appropriate detailed routing to the applicable INF and thence via the common portion to the coastal fix using the NAR designator;

General

For those cases not described above, a detailed routing is required.

NAR REQUIREMENT

General

a. Generally there is no requirement to flight plan and operate using the NAR system. However ATC requires eastbound aircraft intending to operate on the NAT OTS and operating wholly on or south of a line between the intersections BAREE and DOTTY to flight plan and operate using one of the NARs published on the daily OTS Message.

b. NARs may be assigned by air traffic control for the tactical management of air traffic in Canadian domestic airspace.

c. For operators who elect not to use the NAR system, the rules of the NRP apply.

ROUTE CLEARANCES

a. For aircraft operating within the NAR System, the ATC routing clearance and pilot readback will be indicated by the NAR designator, e.g., ''North American Route 105B'';

b. For aircraft operating in the NAR System, but only using the common route portion, the ATC routing clearance and pilot readback will be indicated by the NAR designator followed by the detailed routing;

c. For aircraft not operating in the NAR System, the ATC routing clearance and pilot readback will be via a detailed route;

d. Aircraft cleared to a system airport via a NAR designator are to follow the common and the non–common portion of the route to a system airport. If either the common or non–common portion of the issued NAR is incompatible or unacceptable, the pilot is to advise ATC accordingly.

DOCUMENTATION

a. It is expected that the following NAR documentation will be carried on the flight deck of each aircraft operating within the NAR system:

1. The current publications of NAV CANADA Canadian Flight Supplement; or Federal Aviation Administration Airport/Facility Directory Northeast U.S. (AFDNE); or another product which provides the current NAR; and

2. the information in the current NAT/OTS message.

b. Changes to the NAR routes are advertised in the monthly publication Notices to Airmen Publication (NTAP).

COMMON PROCEDURES FOR RADIO COMMUNICATIONS FAILURE

a. The following procedures are intended to provide general guidance for North Atlantic (NAT) aircraft experiencing a communications failure. These procedures are intended to complement and not supersede state procedures/regulations. It is not possible to provide guidance for all situations associated with a communications failure.

1. If so equipped, the pilot of an aircraft experiencing a two–way radio communications failure shall:

i. operate the secondary radar transponder on identity Mode A) Code 7600 and Mode C; and

ii. attempt to contact any ATC facility or another aircraft and inform them of the difficulty and request they relay information to the ATC facility with whom communications are intended.

b. Communications failure prior to entering NAT oceanic airspace

1. If operating with a received and acknowledged oceanic clearance, the pilot shall enter oceanic airspace at the cleared oceanic entry point, level and speed and proceed in accordance with the received and acknowledged oceanic clearance. Any level or speed changes required to comply with the oceanic clearance shall be completed within the vicinity of the oceanic entry point.

2. If operating without a received and acknowledged oceanic clearance, the pilot shall enter oceanic airspace at the first oceanic entry point, level and speed, as contained in the filed flight plan and proceed via the filed flight plan route to landfall. That first oceanic level and speed shall be maintained to landfall.

c. Communications failure prior to exiting NAT oceanic airspace

1. Cleared on flight plan route

The pilot shall proceed in accordance with the last received and acknowledged oceanic clearance to the last specified oceanic route point, normally landfall, then continue on the flight plan route. Maintain the last assigned oceanic level and speed to landfall. After passing the last specified oceanic route point, conform with the relevant State procedures/regulations.

2. Cleared on other than flight plan route

The pilot shall proceed in accordance with the last received and acknowledged oceanic clearance to the last specified oceanic route point, normally landfall. After passing this point, rejoin the filed flight plan route by proceeding directly to the next significant point ahead of the track of the aircraft as contained in the filed flight plan. Where possible use published ATS route structures, then continue on the flight plan route. Maintain the last assigned oceanic level and speed to the last specified oceanic route point. After this point conform with the relevant State procedures/regulations.

NORTH AMERICAN ROUTES (NAR)

The following listing divides the NAR Route descriptions into two sections according to the direction of flight (eastbound or westbound). Each section is subdivided according to the route portion (common or non-common). The common portion describes the NAR route between the Coastal Fix and the Inland Navigational Facility/Fix. The non-common portion describes the route between the NAR route system airport being used and the Inland Navigational Facility/Fix.

COMMON PORTION (EASTBOUND)

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N5B	SIE	B24 LYNUS	SLATN
N7A	MANTA	OWENZ LINND R56	SLATN
N13C	SIE	B24 LYNUS	JOBOC
N15B	MANTA	OWENZ LINND R56 KENDA	JOBOC
N17B	VITOL	Direct	CARAC
N19B	ALLEX	Direct	CARAC
N21C	VITOL	LOMPI	JAROM
N23E	WHALE	LOMPI	JAROM
N25B	EBONY	LOMPI	JAROM
N27A	VITOL	NANSO	RAFIN
N29B	WHALE	NANSO	RAFIN
N31E	KANNI	NANSO	RAFIN
N33C	MIILS	Direct	BANCS
N35A	WHALE	Direct	BANCS
N37B	KANNI	Direct	BANCS
N39A	BRADD	Direct	BANCS
N41C	MIILS	Direct	BANCS
N43A	KANNI	Direct	COLOR
N45B	BRADD	Direct	COLOR

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N47A	TUSKY	Direct	COLOR
N49A	MIILS	Direct	COLOR
N51B	KANNI	Direct	YYT
N53B	BRADD	Direct	YYT
N55B	TUSKY	Direct	YYT
N57B	ALLEX	Direct	YYT
N59A	MIILS	Direct	YYT
N61B	BRADD	Direct	VIXUN
N63B	TUSKY	Direct	VIXUN
N65B	ALLEX	Direct	VIXUN
N67B	MIILS	Direct	VIXUN
N75B	BRADD	Direct	YQX
N77B	TUSKY	Direct	YQX
N79B	ALLEX	Direct	YQX
N81B	EBONY	Direct	YQX
N83B	MIILS	Direct	YQX
N85A	CEFOU	Direct	YQX
N91B	TUSKY	Direct	CYMON
N93B	ALLEX	Direct	CYMON
N95B	EBONY	Direct	CYMON
N97B	MIILS	Direct	CYMON
N99A	CEFOU	Direct	CYMON
N105B	TUSKY	Direct	DOTTY
N107B	ALLEX	Direct	DOTTY
N109B	EBONY	Direct	DOTTY
N111B	TOPPS	Direct	DOTTY
N113B	MIILS	Direct	DOTTY
N115B	BAREE	Direct	DOTTY
N121B	ALLEX	Direct	YAY
N123A	EBONY	Direct	YAY
N125A	TOPPS	Direct	YAY
N127A	MIILS	Direct	YAY
N129B	BAREE	Direct	YAY
N135B	EBONY	Direct	REDBY
N137B	TOPPS	Direct	REDBY
N139C	TAFFY	Direct	REDBY
N141B	BAREE	Direct	REDBY
N149B	TOPPS	Direct	STEAM
N151E	MIILS	Direct	STEAM
N153C	TAFFY	Direct	STEAM
N155A	ANCER	Direct	STEAM
N161E	TOPPS	Direct	VALIE
N163E	MIILS	Direct	VALIE
N165E	TAFFY	Direct	VALIE
N167E	QUBIS	Direct	VALIE
N169A	ANCER	Direct	VALIE
N171A	YBG	Direct	VALIE
N173B	TOPPS	Direct	FOXXE
N175C	MIILS	Direct	FOXXE
N177C	TAFFY	Direct	FOXXE
N179C	QUBIS	Direct	FOXXE
N181E	ANCER	Direct	FOXXE
N183C	YBG	Direct	FOXXE
N185A	RJ	Direct	FOXXE
N193E	MIILS	Direct	HO
N195C	TAFFY	Direct	HO
N197C	QUBIS	Direct	HO
N209B	TAFFY	Direct	YDP
N211C	QUBIS	Direct	YDP
N225B	TAFFY	Direct	LOMTA
N227B	QUBIS	Direct	LOMTA

COMMON PORTION (WESTBOUND)

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility/Fix
N10A	SLATN	Direct	BERGH
N12B	SLATN	J97	LACKS
N14A	JOBOC	Direct	BERGH
N16A	JOBOC	Direct	SAILE
N18C	DOVEY	Direct	SAILE
N36E	CARAC	Direct	VITOL
N38E	CARAC	Direct	WHALE
N40E	CARAC	Direct	KANNI
N42B	CARAC	Direct	BRADD
N44B	CARAC	Direct	TOPPS
N46E	JAROM	LOMPI	WHALE
N48E	JAROM	LOMPI	KANNI
N50E	JAROM	LOMPI	BRADD
N52E	JAROM	LOMPI	TUSKY
N54E	JAROM	LOMPI	TOPPS
N56E	RAFIN	NANSO	VITOL
N58B	RAFIN	NANSO	WHALE
N608	RAFIN	NANSO	KANNI
N62A	RAFIN	Direct	BRADD
N64C	RAFIN	Direct	TUSKY
N66C	BANCS	Direct	MIILS
N68C	BANCS	Direct	VITOL
N70B	BANCS	Direct	WHALE
N72B	BANCS	Direct	KANNI
N74B	BANCS	Direct	BRADD
N76A	BANCS	Direct	TUSKY
N78A	BANCS	Direct	MIILS
N80B	COLOR	Direct	WHALE
N82B	COLOR	Direct	KANNI
N84B	COLOR	Direct	BRADD
N86B	COLOR	Direct	TUSKY
N88A	COLOR	Direct	MIILS
N94A	YYT	Direct	KANNI
N96A	YYT	Direct	BRADD
N98A	YYT	Direct	TUSKY
N100B	YYT	Direct	ALLEX
N102B	YYT	Direct	MIILS
N112B	VIXUN	Direct	TUSKY
N114C	VIXUN	Direct	ALLEX
N116A	VIXUN	Direct	MIILS
N118A	VIXUN	Direct	MIILS
N124B	YQX	Direct	TUSKY
N126B	YQX	Direct	ALLEX
N128B	YQX	Direct	EBONY
N130C	YQX	Direct	MIILS
N142B	CYMON	Direct	ALLEX
N144B	CYMON	Direct	EBONY
N146B	CYMON	Direct	TOPPS
N148B	CYMON	Direct	MIILS
N160C	DOTTY	Direct	ALLEX
N162B	DOTTY	Direct	TOPPS
N164B	DOTTY	Direct	MIILS
N168B	DOTTY	Direct	YXU
N170E	DOTTY	YRI	COVAN
N180B	YAY	Direct	ALLEX
N184B	YAY	Direct	TOPPS
N186C	YAY	Direct	TOPPS
N188B	YAY	Direct	YRI
N190C	YAY	YRI	COVAN
N200B	REDBY	Direct	ALLEX
N202B	REDBY	Direct	TOPPS
N204B	REDBY	Direct	TAFFY
N206C	REDBY	Direct	YRI
N208F	REDBY	YRI	COVAN
N220B	STEAM	Direct	TOPPS
N224E	STEAM	BOBBS	TAFFY
N228B	STEAM	Direct	YRI

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility/Fix
N230E	STEAM	YRI	COVAN
N240C	VALIE	Direct	TOPPS
N242B	VALIE	Direct	TAFFY
N248C	VALIE	Direct	YBC
N250F	VALIE	YBC YRI	COVAN
N254A	VALIE	ROBBE	MOFAT
N258A	VALIE	ROBBE MOFAT YOW J559	SYR
N260A	VALIE	ROBBE	MT
N264A	FOXXE	Direct	TAFFY
N268B	FOXXE	Direct	QUBIS
N270B	FOXXE	Direct	YBC
N272E	FOXXE	YBC YRI	COVAN
N276A	FOXXE	SPOTE ROBBE	MOFAT
N280A	FOXXE	SPOTE ROBBE MOFAT YOW J559	SYR
N282A	FOXXE	SPOTE	MT
N284B	HO	Direct	TAFFY
N288C	HO	Direct	QUBIS
N292C	HO	Direct	YBC
N294E	HO	YBC YRI	COVAN
N296E	HO	KELVI	SYR*
N302C	HO	SPOTE ROBBE	MOFAT
N306C	HO	SPOTE ROBBE MOFAT YOW J559	SYR
N308E	HO	YWK	MT
N312A	HO	MT YUY	SSM
N322B	YDP	Direct	TAFFY
N326B	YDP	Direct	QUBIS
N328C	YDP	Direct	YBC
N332C	YDP	Direct	COVAN*
N334E	YDP	YBC YRI	COVAN
N338C	YDP	J583 YWK	MOFAT
N344B	YDP	YMX	SYR*
N346A	YDP	BROME NOWAA	MT
N352C	YDP	BROME NOWAA YOW MT J559	SYR
N354C	YDP	J583 YWK MOFAT YOW YUL J559	SYR
N356C	YDP	YKL	ROUND
N358B	YDP	JOVIE HENDY SELBO CANSO	SSM
N362B	YDP	YKL ROUND CANSO	SSM
N372C	LOMTA	Direct	TAFFY
N374C	LOMTA	Direct	QUBIS
N376C	LOMTA	Direct	YBC
N378F	LOMTA	Direct	COVAN
N382H	LOMTA	YBC YRI	COVAN
N386G	LOMTA	YMX	SYR*
N392E	LOMTA	YKL ROBBE	MOFAT
N396C	LOMTA	TEALS	VANSI
N398B	LOMTA	YKL ROBBE MOFAT YOW J559	SYR
N402E	LOMTA	TEALS VANSI STAFE	SSM
N412B	LAKES	Direct	TAFFY
N414C	LAKES	HINGE TEALS	MOFAT
N424E	LAKES	MCKEE GELLS	MT
N428C	LAKES	MCKEE GELLS MT YOW J559	SYR
N432B	LAKES	HINGE TEALS MOFAT YOW J559	SYR
N434C	LAKES	MCKEE MEMSO GRAMP LORNE	SSM
N436A	LAKES	DUSMA	TRUDY
N464E	LOPVI	KLIPS	MT
N468E	LOPVI	KLIPS MT YOW J559	SYR
N472E	LOPVI	PELSI SOCAN VETRO	SSM
N474E	LOPVI	FASSA GW GRAVO	TRUDY
N484C	RODBO	SEMTO HENDY	MT
N492B	ELSET	COPUR	ROUND
N494C	RODBO	SEMTO HENDY YOW J559	SYR
N496C	RODBO	SEMTO VEPTU PEMLU	SSM
N498C	RODBO	COPUR CHARN DURIL	YQT
N512C	JELCO	Direct	VANSI
N514C	JELCO	VANSI YOW J559	SYR
N516H	JELCO	HELMO YMO JARRO	SSM

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility/Fix
N518C	JELCO	GRAND SEGAN	YQT
N522C	JELCO	SCA JULIETT RIONA	VBI
N528A	FEDDY	GW PELEE YXZ	SSM

* NOTE:
Routes through Bagotville (YBG) Military Advisory Areas (CYAs) only available from 2300 UTC (DT2200 UTC) Fri to 1100 UTC (DT 1000 UTC) Mon unless declared active by NOTAM.

NON-COMMON PORTION (WESTBOUND)

VIA ALLEX

Inland Navigation Facility/Fix	Non-Common Portion	Destination
ALLEX	EMJAY J174 ATR085 radial ATR V308 OTT	ANDREWS
ALLEX	ENE BAF J77 PTW J48 MOL FLCON Arrival	ATLANTA
ALLEX	ENE NELIE J75 MXE V378 BAL	BALTIMORE
ALLEX	SCUPP	BOSTON
ALLEX	EMJAY J174	CHARLESTON, SC
ALLEX	ENE NELIE J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
ALLEX	ENE BAF J77 SAX J6 LIT BYP	DALLAS/FT. WORTH
ALLEX	SEAER J79 LFV J174 HTO J121 SIE	DOVER
ALLEX	ENE BAF J77 SAX J6 LRP Delro Arrival	DULLES
ALLEX	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
ALLEX	ENE BAF J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
ALLEX	ENE Parch Arrival	KENNEDY
ALLEX	SEAER J79 LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
ALLEX	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
ALLEX	HANAA ALB V213 SAX	NEWARK
ALLEX	EMJAY J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
ALLEX	SEAER J79 LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
ALLEX	ENE CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
ALLEX	EMJAY J174 SWL Argal Arrival	RALEIGH-DURHAM
ALLEX	ENE BAF J77 SAX J80 VHP Vandalia Arrival	ST LOUIS
ALLEX	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

VIA BERGH

Inland Navigation Facility/Fix	Non-Common Portion	Destination
BERGH	L454 OWENZ DRIFT J121 SIE	DOVER
BERGH	L454 J62 RBV RBV289 radial V457 LRP V143 MULRR AML	DULLES
BERGH	L454 OWENZ CAMRN	KENNEDY
BERGH	L454 OWENZ MANTA V276 GAMBY	MCGUIRE
BERGH	L454 OWENZ V139 BRIGS V577 VCN Cedar Lake Arrival	PHILADELPHIA

VIA BRADD

Inland Navgation Facility/Fix	Non-Common Portion	Destination
BRADD	LFV J174 ATR085 radial ATR V308 OTT	ANDREWS
BRADD	BOS J77 PTW J48 MOL FLCON Arrival	ATLANTA
BRADD	BOS J75 MXE V378 BAL	BALTIMORE
BRADD	SCUPP	BOSTON
BRADD	LFV J174	CHARLESTON, SC
BRADD	BOS J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
BRADD	BOS J77 SAX J6 LIT BYP	DALLAS/FT. WORTH
BRADD	LFV J174 HTO J121 SIE	DOVER
BRADD	BOS J77 SAX J6 LRP Delro Arrival	DULLES
BRADD	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
BRADD	BOS J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
BRADD	PLYMM Parch Arrival	KENNEDY
BRADD	LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE

Inland Navgation Facility/Fix	Non-Common Portion	Destination
BRADD	ACK J62 RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
BRADD	BOS BAF Shaff Arrival	NEWARK
BRADD	LFV J150 HTO J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
BRADD	LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
BRADD	BOS CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
BRADD	ACK J62 RIFLE J174 SWL Argal Arrival	RALEIGH-DURHAM
BRADD	BOS J77 SAX J80 VHP Vandalia Arrival	ST. LOUIS
BRADD	BOS J75 CMK J75 TAY Dades Arrival	TAMPA

VIA COVAN

Inland Navigation Facility/Fix	Non-Common Portion	Destination
COVAN	ALB J37 J75 MXE V378 BAL	ANDREWS
COVAN	ALB J6 SAX J77 PTW J48 ODF FLCON Arrival	ATLANTA
COVAN	ALB PWL CMK J75 MXE V378 BAL	BALTIMORE
COVAN	ALB J6 SAX J77 PTW J48 EMI J61 HUBBS J193 WEAVR J121 CHS	CHARLESTON, SC
COVAN	ALB PWL CMK J75 GVE LYH SUDSY Arrival	CHARLOTTE
COVAN	ALB J6 SAX J6 LIT BYP Arrival	DALLAS/FT. WORTH
COVAN	ALB J37 JFK CYN SIE	DOVER
COVAN	ALB J6 LRP DELRO Arrival	DULLES
COVAN	ALB J6 SAX J77 PTW J48 EMI J61 HUBBS J193 WEAVR J121 CHS J79 OMN FISEL Arrival	FT. LAUDERDALE
COVAN	ALB IGN IGN Arrival	KENNEDY
COVAN	ALB DNY LHY V93 LVZ V147 MAZIE	MCGUIRE
COVAN	ALB PWL CMK J75 CAE J51 SAV J103 OMN HILEY Arrival	MIAMI
COVAN	HANAA ALB V213 SAX	NEWARK
COVAN	ALB PWL CMK J75 CAE J75 DUNKN AMG LEESE Arrival	ORLANDO
COVAN	ALB DNY SLATT Arrival	PHILADELPHIA
COVAN	ALB J49 HNK HNK271 radial J190 SLT GRACE Arrival	PITTSBURGH
COVAN	ALB PWL CMK J75 TAY DADES Arrival	TAMPA

VIA EBONY

Inland Navigation Facility/Fix	Non-Common Portion	Destination
EBONY	EMJAY J174 ATR085 radial ATR V308 OTT	ANDREWS
EBONY	ENE BAF J77 PTW J48 MOL FLCON Arrival	ATLANTA
EBONY	ENE NELIE J75 MXE V378 BAL	BALTIMORE
EBONY	SCUPP	BOSTON
EBONY	EMJAY J174	CHARLESTON, SC
EBONY	ENE NELIE J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
EBONY	ENE BAF J77 SAX J6 LIT BYP	DALLAS/FT.WORTH
EBONY	SEAER J79 LFV J174 HTO J121 SIE	DOVER
EBONY	ENE BAF J77 SAX J6 LRP Delro Arrival	DULLES
EBONY	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
EBONY	ENE BAF J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
EBONY	ENE Parch Arrival	KENNEDY
EBONY	SEAER J79 LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
EBONY	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
EBONY	HANAA ALB V213 SAX	NEWARK
EBONY	EMJAY J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
EBONY	SEAER J79 LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
EBONY	ENE CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
EBONY	EMJAY J174 SWL Argal Arrival	RALEIGH-DURHAM
EBONY	ENE BAF J77 SAX J80 VHP Vandalia Arrival	ST. LOUIS
EBONY	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

VIA KANNI

Inland Navigation Facility/Fix	Non-Common Portion	Destination
KANNI	LFV J174 ATR085 radial ATR V308 OTT	ANDREWS
KANNI	BOS J77 PTW J48 MOL FLCON Arrival	ATLANTA
KANNI	BOS J75 MXE V378 BAL	BALTIMORE
KANNI	SCUPP	BOSTON
KANNI	LFV J174	CHARLESTON, SC
KANNI	BOS J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
KANNI	BOS J77 SAX J6 LIT BYP	DALLAS/FT. WORTH
KANNI	LFV J174 HTO J121 SIE	DOVER
KANNI	BOS J77 SAX J6 LRP Delro Arrival	DULLES
KANNI	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
KANNI	BOS J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
KANNI	PLYMM Parch Arrival	KENNEDY
KANNI	LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
KANNI	ACK J62 RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
KANNI	BOS BAF Shaff Arrival	NEWARK
KANNI	LFV J150 HTO J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
KANNI	LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
KANNI	BOS CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
KANNI	ACK J62 RIFLE J174 SWL Argal Arrival	RALEIGH-DURHAM
KANNI	BOS J77 SAX J80 VHP Vandalia Arrival	ST.LOUIS
KANNI	BOS J75 CMK J75 TAY Dades Arrival	TAMPA

VIA LACKS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
LACKS	J97 ACK SCUPP	BOSTON

VIA MIILS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
MIILS	ENE BAF J77 PTW J48 MOL FLCON Arrival	ATLANTA
MIILS	YOW J553 ECK FNT PAITN Arrival	CHICAGO
MIILS	YMX J546 YSO J558 YXU J545 DJB J83 APE Cince Arrival	CINCINNATI
MIILS	YMX J546 YSO J558 YXU J545 DJB J29 PXV J131 LIT BYP	DALLAS/FT. WORTH
MIILS	YMX J546 YSO J597 YQO V464 Spica Arrival	DETROIT
MIILS	YMX J546 YSO J558 YXU J545 DJB J29 PXV J131 LIT J180 DAS Daisetta Arrival	HOUSTON
MIILS	VLV J509 V352 OMBRE Ombre Arrival	MONTREAL/TRUDEAU
MIILS	ATENE CATOG Catog Arrival	MONTREAL/MIRABEL
MIILS	YXI YEE ECK GIJ RBS Vandalia Arrival	ST. LOUIS*
MIILS	YMX J546 V300 YSO J37	TORONTO

* NOTE:
St. Louis route useable only for aircraft at or above FL350.

VIA MOFAT

Inland Navigation Facility/Fix	Non-Common Portion	Destination
MOFAT	ALB J37 J75 MXE V378 BAL	ANDREWS
MOFAT	TVC OBK J73 BNA Rome Arrival	ATLANTA
MOFAT	ALB PWL CMK J75 MXE V378 BAL	BALTIMORE
MOFAT	ALB J6 SAX J77 PTW J61 HUBBS J193 WEAVR J121 CHS	CHARLESTON
MOFAT	ALB PWL CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
MOFAT	SEDOT ASP PAITN Arrival	CHICAGO
MOFAT	YXI J597 YSO J558 YXU J545 DJB J38 APE Cince Arrival	CINCINATTI
MOFAT	TVC BAE J105 RZC FSM BYP	DALLAS/FT. WORTH
MOFAT	SMARE ECK POLAR Polar Arrival	DETROIT
MOFAT	ALB J37 JFK CYN SIE	DOVER
MOFAT	ALB J6 LRP Delro Arrival	DULLES
MOFAT	ALB J6 SAX J77 PTW J48 EMI J61 HUBBS J93 WEAVR J121 CHS J79 OMN Fisel Arrival	FT. LAUDERDALE
MOFAT	TVC OBK J101 LIT J180 DAS Daisetta Arrival	HOUSTON
MOFAT	ALB IGN IGN Arrival	KENNEDY
MOFAT	ALB DNY LHY V93 LVZ V147 MAZIE	MCGUIRE
MOFAT	ALB PWL CMK J75 CAE J51 SAV J103 OMN HILEY Arrival	MIAMI
MOFAT	OBRET J570 YMX Mirabel Arrival	MONTREAL/MIRABEL
MOFAT	OBRET J570 YMX Antag Arrival	MONTREAL/TRUDEAU
MOFAT	ALB PWL CMK J75 CAE DUNKN AMG Leese Arrival	ORLANDO
MOFAT	ALB DNY Slatt Arrival	PHILADELPHIA
MOFAT	ALB J49 HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
MOFAT	TVC OBK J71 RBS Vandalia Arrival	ST. LOUIS
MOFAT	ALB CMK J75 Dades Arrival	TAMPA
MOFAT	YXI J597 V216 YSO JV37	TORONTO

VIA MT

Inland Navigation Facility/Fix	Non-Common Portion	Destination
MT	ALB J37 J75 MXE V378 BAL	ANDREWS
MT	TVC OBK J73 BNA Rome Arrival	ATLANTA
MT	ALB PWL CMK J75 MXE V378 BAL	BALTIMORE
MT	ALB J6 SAX J77 PTW J48 EMI J61 HUBBS J193 WEAVR J121 CHS	CHARLESTON
MT	ALB PWL CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
MT	SSM PAITN Arrival	CHICAGO
MT	YXI J597 YSO YXU J545 DJB J83 APE Cince Arrival	CINCINATTI
MT	TVC BAE J105 RZC FSM BYP	DALLAS/FT. WORTH
MT	SEDOT ECK POLAR POLAR ARRIVAL	DETROIT
MT	ALB J37 JFK CYN SIE	DOVER
MT	ALB J6 LRP Delro Arrival	DULLES
MT	ALB J6 SAX J77 PTW J48 EMI J61 HUBBS J93 WEAVR J121 CHS J79 OMN Fisel Arrival	FT. LAUDERDALE
MT	TVC OBK J101 LIT J180 DAS Daisetta Arrival	HOUSTON
MT	ALB IGN IGN Arrival	KENNEDY
MT	ALB DNY LHY V93 LVZ V147 MAZIE	MCGUIRE
MT	ALB PWL CMK J75 CAE J51 SAV J103 OMN Hiley Arrival	MIAMI
MT	J570 YMX Mirabel Arrival	MONTREAL/MIRABEL
MT	J570 YMX Antag Arrival	MONTREAL/TRUDEAU
MT	ALB PWL CMK J75 CAE J75 DUNKN AMG Leese Arrival	ORLANDO
MT	ALB DNY Slatt Arrival	PHILADELPHIA
MT	ALB J49 HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
MT	TVC OBK J71 RBS Vandalia Arrival	ST. LOUIS
MT	ALB CMK J75 TAY Dades Arrival	TAMPA
MT	YXI J597/V216 YSO V37	TORONTO

VIA NUCAR

Inland Navigation Facility/Fix	Non-Common Portion	Destination
NUCAR	NEPTA J58 AEX Scurry Arrival	DALLAS/FT WORTH
NUCAR	CRANS Fisel Arrival	FT. LAUDERDALE
NUCAR	JORAY Hiley Arrival	MIAMI
NUCAR	BAIRN Goofy Arrival	ORLANDO
NUCAR	BRDGE Brdge Arrival	TAMPA
NUCAR	AYBID Frway Arrival	PALM BEACH

VIA QUBIS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
QUBIS	EMJAY J174 ATR085 radial ATR V308 OTT	ANDREWS
QUBIS	ALB J6 SAX J77 PTW J48 MOL FLCON Arrival	ATLANTA
QUBIS	ENE NELIE J75 MXE V378 BAL	BALTIMORE
QUBIS	SCUPP	BOSTON
QUBIS	EMJAY J174	CHARLESTON, SC
QUBIS	ENE NELIE J75 GVE LYH Sudsy Arrival	CHARLOTTE
QUBIS	ALB J6 LIT BYP	DALLAS/FT. WORTH
QUBIS	ALB J6 LRP Delro Arrival	DULLES
QUBIS	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
QUBIS	ENE BAF J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
QUBIS	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
QUBIS	EMJAY J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
QUBIS	ALB J49 HNK HNK271 radial J190 GRACE Grace Arrival	PITTSBURGH
QUBIS	EMJAY J174 SWL Argal Arrival	RALEIGH-DURHAM
QUBIS	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

VIA ROUND

Inland Navigation Facility/Fix	Non-Common Portion	Destination
ROUND	TVC OBK J73 BNA Rome Arrival	ATLANTA
ROUND	SSM PAITN Arrival	CHICAGO
ROUND	YXI J597 YSO J558 YXU J545 DJB J83 APE Cince Arrival	CINCINATTI
ROUND	TVC BAE J105 RZC FSM BYP	DALLAS/FT. WORTH
ROUND	YVO SEDOT ECK POLAR Polar Arrival	DETROIT
ROUND	TVC OBK J101 LIT J180 DAS Daisetta Arrival	HOUSTON
ROUND	TVC OBK J71 RBS Vandalia Arrival	ST. LOUIS
ROUND	YXI J597 V216 YSO V37	TORONTO

VIA SAILE

Inland Navigation Facility/Fix	Non-Common Portion	Destination
SAILE	ACK HTO J174 ATR085 radial ATR V308 OTT	ANDREWS
SAILE	ACK HTO RBV V230 J48 MOL FLCON Arrival	ATLANTA
SAILE	SCUPP	BOSTON
SAILE	ACK HTO J174	CHARLESTON, SC
SAILE	ACK HTO J121 SIE	DOVER
SAILE	ACK J62 RBV RBV289 radial V457 LRP Delro Arrival	DULLES
SAILE	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
SAILE	PLYMM Parch Arrival	KENNEDY
SAILE	ACK HTO J121 DRIFT V312 CYN	MCGUIRE
SAILE	ACK J62 RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
SAILE	BOS BAF Shaff Arrival	NEWARK
SAILE	ACK HTO J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
SAILE	ACK HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
SAILE	ACK J62 RIFLE J174 SWL Argal Arrival	RALEIGH-DURHAM
SAILE	NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

VIA SSM

Inland Navigation Facility/Fix	Non-Common Portion	Destination
SSM	GRB J101 BAE J89 OBK J73 BNA Rome Arrival	ATLANTA
SSM	PAITN Arrival	CHICAGO
SSM	J101 BAE J105 RZC FSM BYP	DALLAS/FT. WORTH
SSM	GEP J114	DENVER
SSM	STL J101 LIT J180 DAS Daisetta Arrival	HOUSTON
SSM	EAU Eau Arrival	MINNEAPOLIS/ ST. PAUL
SSM	J548 TVC OBK J71 RBS Vandalia Arrival	ST. LOUIS

VIA SYR

Inland Navigation Facility/Fix	Non-Common Portion	Destination
SYR	FQM HAR V265 KOLBY PSB149 radial SHILO V93 BAL	ANDREWS
SYR	J59 PSB J78 HVQ J145 ODF FLCON Arrival	ATLANTA
SYR	FQM RAV V170 V499 TRISH	BALTIMORE
SYR	FQM HAR EMI J61 HUBBS J193 WEAVR J121 CHS	CHARLESTON, SC
SYR	J59 PSB J78 HVQ Johns Arrival	CHARLOTTE
SYR	J29 DJB J83 APE Cince Arrival	CINCINNATI
SYR	J29 PXV J131 LIT BYP	DALLAS/FT. WORTH
SYR	HAR LRP V210 SPERY	DOVER
SYR	J59 PSB PSB151 SEG201 HYPER Delro	DULLES
SYR	J29 PXV J131 LIT J180 DAS Daisetta Arrival	HOUSTON
SYR	IGN KINGSTON Arrival	KENNEDY
SYR	LVZ V147 MAZIE	McGUIRE
SYR	HNK V167 HELON V213 SAX	NEWARK
SYR	CFB SLATT Arrival	PHILADELPHIA
SYR	J29 JHW YNG CUTTA	PITTSBURGH
SYR	J29 ROD VHP Vandalia Arrival	ST. LOUIS

VIA TAFFY

Inland Navigation Facility/Fix	Non-Common Portion	Destination
TAFFY	EMJAY J174 ATR085 radial ATR V308 OTT	ANDREWS
TAFFY	ALB J6 SAX J77 PTW J48 MOL FLCON Arrival	ATLANTA
TAFFY	PQI J55 ENE NELIE J75 MXE V378 BAL	BALTIMORE
TAFFY	SCUPP	BOSTON
TAFFY	EMJAY J174	CHARLESTON, SC
TAFFY	ENE NELIE J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
TAFFY	ALB J6 SAX J6 LIT BYP	DALLAS/FT.WORTH
TAFFY	SEAER J79 LFV J174 HTO J121 SIE	DOVER
TAFFY	ALB J6 LRP Delro Arrival	DULLES
TAFFY	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
TAFFY	ENE BAF J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
TAFFY	ENE Parch Arrival	KENNEDY
TAFFY	SEAER J79 LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
TAFFY	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
TAFFY	HANAA ALB V123 SAX	NEWARK
TAFFY	EMJAY J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
TAFFY	SEAER J79 LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
TAFFY	ENE CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
TAFFY	EMJAY J174 SWL Argal Arrival	RALEIGH-DURHAM
TAFFY	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

VIA TOPPS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
TOPPS	EMJAY J174 ATR085 radial ATR V308 OTT	ANDREWS
TOPPS	ENE BAF J77 PTW J48 MOL FLCON Arrival	ATLANTA
TOPPS	ENE NELIE J75 MXE V378 BAL	BALTIMORE
TOPPS	SCUPP	BOSTON
TOPPS	EMJAY J174	CHARLESTON, SC
TOPPS	ENE NELIE J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
TOPPS	YOW J553 ECK FNT PAITN Arrival	CHICAGO
TOPPS	YOW J546 YSO J558 YXU J545 DJB J83 APE Cince Arrival	CINCINNATI
TOPPS	ENE BAF J77 SAX J6 LIT BYP	DALLAS/FT. WORTH
TOPPS	YOW J546 YSO J597 YQO V464 Spica Arrival	DETROIT
TOPPS	SEAER J79 LFV J174 HTO J121 SIE	DOVER
TOPPS	ENE BAF J77 SAX J6 LRP Delro Arrival	DULLES
TOPPS	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
TOPPS	ENE BAF J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
TOPPS	ENE Parch Arrival	KENNEDY
TOPPS	SEAER J79 LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
TOPPS	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
TOPPS	HANAA ALB V213 SAX	NEWARK
TOPPS	EMJAY J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
TOPPS	SEAER J79 LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
TOPPS	ENE CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
TOPPS	EMJAY J174 SWL Argal Arrival	RALEIGH-DURHAM
TOPPS	ENE BAF J77 SAX J80 VHP Vandalia Arrival	ST. LOUIS
TOPPS	ENE NELIE J75 CMK J75 TAY Dades Arrival	TAMPA
TOPPS	OMBRE Ombre Arrival	MONTREAL/TRUDEAU
TOPPS	VLV J565 V363 Catog Arrival	MONTREAL/MIRABEL
TOPPS	YOW J546 V300 YSO V37	TORONTO

VIA TUSKY

Inland Navigation Facility/Fix	Non-Common Portion	Destination
TUSKY	EMJAY J174 ATR085 radial ATR V308 OTT	ANDREWS
TUSKY	BOS J77 PTW J48 MOL FLCON Arrival	ATLANTA
TUSKY	BOS J75 MXE V378 BAL	BALTIMORE
TUSKY	SCUPP	BOSTON
TUSKY	EMJAY J174	CHARLESTON, SC
TUSKY	BOS J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
TUSKY	BOS J77 SAX J6 LIT BYP	DALLAS/FT. WORTH
TUSKY	LFV J174 HTO J121 SIE	DOVER
TUSKY	BOS J77 SAX J6 LRP Delro Arrival	DULLES
TUSKY	EMJAY J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
TUSKY	BOS J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
TUSKY	PLYMM Parch Arrival	KENNEDY
TUSKY	LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
TUSKY	EMJAY J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
TUSKY	BOS BAF Shaff Arrival	NEWARK
TUSKY	EMJAY J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
TUSKY	LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
TUSKY	BOS CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
TUSKY	EMJAY J174 SWL Argal Arrival	RALEIGH-DURHAM
TUSKY	BOS J77 SAX J80 VHP Vandalia Arrival	ST.LOUIS
TUSKY	BOS J75 CMK J75 TAY Dades Arrival	TAMPA

VIA VANSI

Inland Navigation Facility/Fix	Non-Common Portion	Destination
VANSI	TVC OBK J73 BNA Rome Arrival	ATLANTA
VANSI	SSM PAITN Arrival	CHICAGO
VANSI	YXI J597 YSO J558 YXU J545 DJB J83 APE Cince Arrival	CINCINATTI
VANSI	TVC BAE J105 RZC FSM BYP	DALLAS/FT. WORTH
VANSI	YVO SEDOT ECK POLAR Polar Arrival	DETROIT
VANSI	TVC OBK J101 LIT J180 DAS Daisetta Arrival	HOUSTON
VANSI	TVC OBX J71 RBS Vandalia Arrival	ST LOUIS
VANSI	YXI J597 V216 YSO V37	TORONTO

VIA VITOL

Inland Navigation Facility/Fix	Non-Common Portion	Destination
VITOL	ACK HTO J174 ATR085 radial ATR V308 OTT	ANDREWS
VITOL	ACK HTO RBV J230 J48 MOL FLCON Arrival	ATLANTA
VITOL	SCUPP	BOSTON
VITOL	ACK HTO J174	CHARLESTON, SC
VITOL	ACK HTO J121 SIE	DOVER
VITOL	ACK J62 RBV RBV289 radial V457 LRP Delro Arrival	DULLES
VITOL	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
VITOL	PLYMM Parch Arrival	KENNEDY
VITOL	ACK HTO J121 DRIFT V312 CYN	MCGUIRE
VITOL	ACK J62 RIFLE J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
VITOL	BOS BAF Shaff Arrival	NEWARK
VITOL	ACK HTO J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
VITOL	ACK HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
VITOL	ACK J62 RIFLE J174 SWL Argal Arrival	RALEIGH-DURHAM
VITOL	NELIE J75 CMK J75 TAY Dades Arrival	TAMPA

VIA WHALE

Inland Navigation Facility/Fix	Non-Common Portion	Destination
WHALE	LFV J174 ATR085 radial ATR V308 OTT	ANDREWS
WHALE	BOS J77 PTW J48 MOL FLCON Arrival	ATLANTA
WHALE	BOS J75 MXE V378 BAL	BALTIMORE
WHALE	SCUPP	BOSTON
WHALE	LFV J174	CHARLESTON, SC
WHALE	BOS J75 CMK J75 GVE LYH Sudsy Arrival	CHARLOTTE
WHALE	BOS J77 SAX J6 LIT BYP	DALLAS/FT. WORTH
WHALE	LFV J174 HTO J121 SIE	DOVER
WHALE	BOS J77 SAX J6 LRP V143 Delro Arrival	DULLES
WHALE	ACK J62 RIFLE J174 SWL CEBEE WETRO ILM AR21 CRANS Fisel Arrival	FT. LAUDERDALE
WHALE	BOS J77 PTW J48 MOL J22 VUZ JAN AEX Daisetta Arrival	HOUSTON
WHALE	PLYMM Parch Arrival	KENNEDY
WHALE	LFV J174 HTO J121 DRIFT V312 CYN	MCGUIRE
WHALE	LFV J174 SWL CEBEE WETRO DIW AR22 JORAY Hiley Arrival	MIAMI
WHALE	BOS BAF Shaff Arrival	NEWARK
WHALE	LFV J150 HTO J174 ORF J121 CHS J79 OMN Bitho Arrival	ORLANDO
WHALE	LFV J174 HTO J121 BRIGS VCN Cedar Lake Arrival	PHILADELPHIA
WHALE	BOS CTR HNK HNK271 radial J190 SLT Grace Arrival	PITTSBURGH
WHALE	ACK J62 RIFLE J174 SWL Argal Arrival	RALEIGH-DURHAM
WHALE	BOS J77 SAX J80 VHP Vandalia Arriva	ST. LOUIS
WHALE	BOS J75 CMK J75 TAY Dades Arrival	TAMPA

VIA YBC

Inland Navigation Facility/Fix	Non-Common Portion	Destination
YBC	VBS POLTY YSO YXU J545 DJB J83 APE J186 SOT FLCON Arrival	ATLANTA
YBC	VBS SEDOT ECK FNT PAITN Arrival	CHICAGO
YBC	VBS POLTY YSO YXU J545 DJB J83 APE Cince Arrival	CINCINNATI
YBC	VBS POLTY YSO YXU J545 DJB J29 PXV J131 LIT BYP	DALLAS/FT WORTH
YBC	VBS YXI YVV ECK POLAR Polar Arrival	DETROIT
YBC	VBS POLTY YSO YXU J545 DJB J29 PXV J131 LIT J180 DAS Daisetta Arrival	HOUSTON
YBC	BLAKK Catog Arrival	MONTREAL/MIRABEL
YBC	BLAKK OMBRE Ombre Arrival	MONTREAL/TRUDEAU
YBC	VBS YXI YEE ECK GIJ RBS Vandalia Arrival	ST. LOUIS
YBC	YMX J546 V300 YSO V37	TORONTO

VIA YRI

Inland Navigation Facility/Fix	Non-Common Portion	Destination
YRI	POLTY YSO YXU J545 DJB J83 APE J186 SOT FLCON Arrival	ATLANTA
YRI	SEDOT ASP PAITN Arrival	CHICAGO
YRI	POLTY YSO YXU J545 DJB J83 APE Cince Arrival	CINCINNATI
YRI	POLTY YSO YXU J545 DJB J29 PXV J131 LIT BYP	DALLAS/FT WORTH
YRI	YXI YVV ECK POLAR Polar Arrival	DETROIT
YRI	POLTY YSO YXU J545 DJB J29 PXV J131 LIT J180 DAS Daisetta Arrival	HOUSTON
YRI	BLAKK Catog Arrival	MONTREAL/MIRABEL
YRI	MUROP OMBRE Ombre Arrival	MONTREAL/TRUDEAU
YRI	YXI YEE ECK GIJ RBS Vandalia Arrival	ST. LOUIS
YRI	YMX J546 V300 YSO V37	TORONTO

VIA ZQA

Inland Navigation Facility/Fix	Non-Common Portion	Destination
ZQA	BR22V DEKAL	FT LAUDERDALE
ZQA	BR49V FOWEE Fowee Arrival	MIAMI
ZQA	BR54V	PALM BEACH

RNAV Routing Pitch and Catch Points

The purpose of this section of the Special High Altitude Routes is to present user routing options for flight within the initial HAR Phase I expansion airspace. Users are able to fly user-preferred routes, referred to as non-restrictive routing (NRR), between specific fixes described by **pitch** (entry into) and **catch** (exit out of) fixes in the HAR airspace. Pitch points indicate an end of departure procedures, preferred IFR routings, or other established routing programs where a flight can begin a segment of NRR. The catch point indicates where a flight ends a segment of NRR and joins published arrival procedures, preferred IFR routing, or other established routing programs.

The HAR Phase I expansion airspace is defined as that airspace at and above FL 350 in fourteen of the western and southern Air Route Traffic Control Centers (ARTCCs). The airspace includes Minneapolis (ZMP), Chicago (ZAU), Kansas City (ZKC), Denver (ZDV), Salt Lake City (ZLC), Oakland (ZOA), Seattle Centers (ZSE), Los Angeles (ZLA), Albuquerque (ZAB), Fort Worth (ZFW), Memphis (ZME), and Houston (ZHU). Jacksonville (ZJX) and Miami (ZMA) are included for east-west routes only.

To develop a flight plan, select pitch and catch points based upon your desired route across the Phase I airspace. Filing requirements to pitch points, and from catch points, remain unchanged from current procedures. For the portion of the route between the pitch and catch points, non-restrictive routing is permitted.

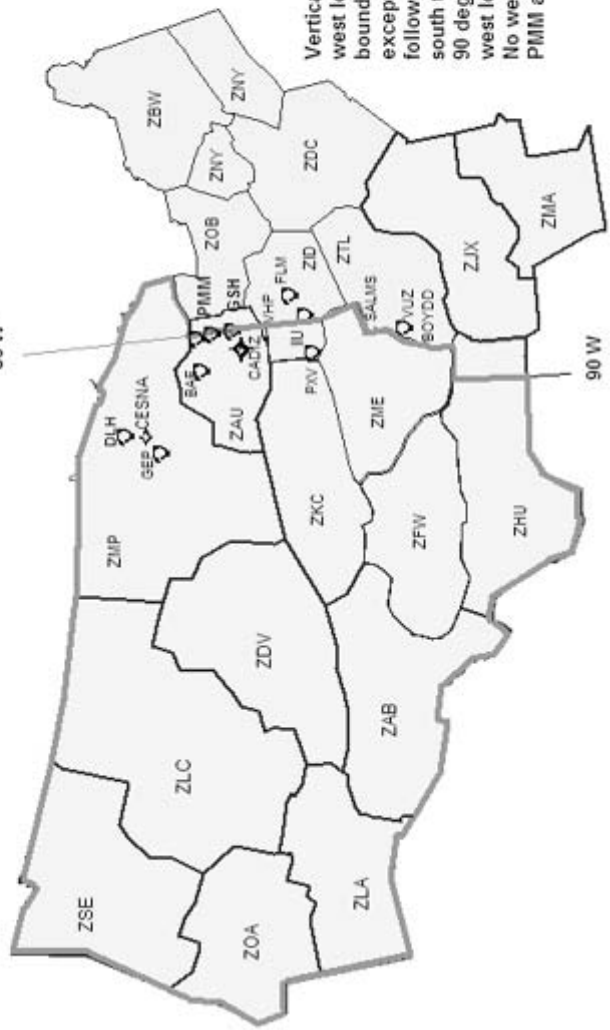
Where pitch points for a specific airport are not identified, aircraft should file an appropriate departure procedure (DP), or any other user preferred routing prior to the NRR portion of their routing. Where catch points for a specific airport are not identified aircraft should file, after the NRR portion of their routing, an appropriate arrival procedure or other user preferred routing to their destination.

Additionally, information concerning the location and schedule of Special Use Airspace (SUA) and Air Traffic Control Assigned Airspace (ATCAA) can be found on the Web Site: http://sua.faa.gov/sua/Welcome.do. ATCAA refers to airspace in the high altitude structure supporting military and other special operations. Users are encouraged to file around these areas when they are scheduled to be active, thereby avoiding unplanned reroutes around them.

In conjunction with the HAR program RNAV routes have been established to provide for a systematic flow of air traffic in specific portions of the enroute flight environment. The designator for these RNAV routes begin with the letter Q, for example, Q-501. Where those routes aid in the efficient orderly management of air traffic they will be published as preferred IFR routes.

High Altitude Redesign (HAR) Phase One Expansion Airspace

Except as noted, flights entering HAR expansion airspace may pitch at the airspace boundary, at the vertical pitch line, or at the fixes listed on the following page.



Vertical Pitch Line: 86 degrees west longitude from the ZMP/ZAU boundary to the ZME/ZID boundary, except between PMM and GSH, then following the ZME east boundary south to the ZHU boundary. Then west to 90 degrees west longitude, the 90 degrees west longitude to the ZHU southern boundary. No westbound traffic between PMM and GSH.

HAR Special High Altitude Pitch (entry) Points for Nonrestrictive Routing for Airports Located Outside HAR Phase I Expansion Airspace

Westbound traffic originating outside of HAR airspace entering ZMP, ZAU, ZKC and ZME can begin non–restrictive routing over any of the following pitch points (listed from north to south):

DLH, CESNA, GEP, BAE, MKG, GRR, PMM, GSH, CADIZ, FWA, VHP, FLM, IIU, PXV, SGF, RZC, BNA, SALMS, VUZ, BOYDD, MIE.

Traffic originating outside of HAR airspace may also begin Nonrestrictive Routing upon crossing the pitch line depicted on the associated graphic.

HAR Special High Altitude Pitch Points for Airports Located Within (below) HAR Phase I Expansion Airspace

This section lists pitch points for airports within the HAR Phase I expansion airspace.

Albuquerque	ABQ, GUP, HANOS or ZUN
Austin	ABI, FUZ, JCT, MQP, NAVYS, SJT or TNV
Boca Raton, FL	TBIRD KPASA Q118 LENIE or TBIRD KPASA Q116 CEEYA or TBIRD KPASA Q110 FEONA or TBIRD SMELZ Q106 BULZI or TBIRD SMELZ Q106 GADAY
Burbank includes Santa Monica and Van Nuys	GMN, MARKS or DAG LAS or HEC EED or PMD BLH
Chicago Terminal Area	IOW, PLL275065, MZV or BAE
Dallas/Fort Worth Terminal Area	ABI, LBB, GTH, CDS, MRMAC, IRW, TUL, MLC, TXK ELD, SWB or Aircraft destined the Chicago terminal area Except MDW EAKER MIDEE BDF BRADFORD–STAR or MLC J105 SGF BDF BRADFORD–STAR
Denver Terminal Area	PUB, DVC, DBL, RLG, EKR, LAR, MBW, CYS, BFF, HANKI, NATTI, ASHBY, BELKE, CABET, WEEDS, OR BINKE
Fort Lauderdale (or) Fort Lauderdale Executive	THNDR KPASA Q118 LENIE or THNDR KPASA Q116 CEEYA or THNDR KPASA Q110 FEONA or THNDR SMELZ Q106 GADAY or THNDR SMELZ Q106 BULZI
Houston Bush	LIT, ELD, MLC, JCT or Aircraft destined Atlanta Terminal Area LCH Q24 PAYTN HONIE–RNAV STAR or Aircraft joining J37 to the northeast, GUSTI SID GUSTI Q22 CATLN or Aircraft joining J42 to the northeast, EL DORADO SID ELD Q32 J42

Houston Hobby	LIT, ELD, MLC, JCT, or Aircraft joining J42 to the northeast, EL DORADO SID ELD Q32 J42
Jacksonville, FL	TAY
Kansas City Terminal Area	TIFTO, CATTS or KENTN
Los Angeles, includes Ontario	GMN, RZS or DAG LAS or TRM EED or TRM PKE
Las Vegas	DOBNE, MOSBI, NICLE, TRALR or ZELOT
Long Beach includes Orange County	GMN SNS, EHF, LANDO or TRM PKE or TRM EED
Memphis	BNA, HAAWK, SALMS or SQS
Miami Terminal Area	WINCO KPASA Q118 LENIE or WINCO KPASA Q116 CEEYA or WINCO KPASA Q110 FEONA or WINCO SMELZ Q106 GADAY or WINCO SMELZ Q106 BULZI
Milwaukee	GREAS
Minneapolis Terminal Area*	ONL, ABR, FAR, OBH, OVR, FOD
New Orleans Terminal Area	AEX, MEI, SQS, KAPLN
Orlando Terminal Area	WEBBS BRUTS Q118 LENIE or WEBBS GULFR Q116 CEEYA or WEBBS BULZI Q106 GADAY or WEBBS FEONA or WEBBS BULZI
Palm Beach, FL	TBIRD KPASA Q118 LENIE or TBIRD KPASA Q116 CEEYA or TBIRD KPASA Q110 FEONA or TBIRD SMELZ Q106 BULZI or TBIRD SMELZ Q106 GADAY
Palm Springs	TRM JOTNU BLD or TRM EED or TRM PKE
Phoenix	CHILY, CIE, CULTS, RSK, DOVEE, GCN, MESSI, SJN, DRYHT or MOHAK
Portland, OR	PDT, TIMEE

Salt Lake City	HVE, DTA, MLF, BCE, OAL, MTU, BVL, OCS, TWF, DBS, BPI or TCH J56 CHE or TCH J173 EKR
Saint Louis	VIH, MAP, MYERZ, MCM or HLV MCI
San Antonio Terminal Area	FUZ, SJT, MQP, ABI or Aircraft North of LFK, LFK or Aircraft South of HUB, ELA or Aircraft South of LFK and North of HUB LCH
San Diego	TRM EED or TRM PKE or TRM JOTNU BLD
San Francisco Bay Area Oakland San Jose	GALLI, INSLO, HAROL JSICA GALLI, INSLO, HAROL JSICA GALLI or INSLO
Seattle	BLUIT
Southwest Florida Airports (RSW/FMY)	JOCKS KPASA Q118 LENIE or JOCKS KPASA Q116 CEEYA or JOCKS KPASA Q110 FEONA or JOCKS SMELZ Q106 GADAY or JOCKS SMELZ Q106 BULZI
Tampa Terminal Area	FEONA, BULZI or BRUTS Q118 LENIE or GULFR Q116 CEEYA or BULZI Q106 GADAY

*MSP area departures with destinations east of 93 degrees west longitude via preferred IFR routing.

Catch Points for Airports Located Outside HAR Phase I Expansion Airspace

This section lists exit points for aircraft destined to specific destinations which are outside the HAR Phase I airspace.

Atlanta Terminal Area	Aircraft through ZME airspace from ZKC airspace east of FAM, Pless Q19 BNA or Aircraft through ZME airspace from ZKC airspace west of FAM, ARG Q26 DEVAC or MEM or Aircraft through ZME airspace from ZID airspace west of a line from VHP to BWG, BNA or Aircraft through ZME airspace from ZID airspace east of a line from VHP to BWG, BWG or Aircraft through ZME airspace from ZFW airspace, MEM or MEI HONIE (RNAV)–STAR or PATYN HONIE (RNAV)–STAR

Baltimore–Washington*	GIJ, GEP, FLM, IIU, BAE, VHP, WHETT, BNA or VUZ
Boston*	GEP, CRL, ECK, IIU, BNA or VUZ
Buffalo*	GEP, CRL
Hartford Bradley*	GEP, CRL
Canton–Akron*	GIJ, VHP, GEP
Charlotte	BNA, VUZ
Cincinnati Terminal Area	BNA, PXV or Aircraft north of SLC, JOT or Aircraft over or south of SLC, ENL or SLC or SFO departures, ENL, JOT
Cleveland Terminal Area*	OBK
Detroit Terminal Area	BAE MKG POLAR–STAR or VHP FWA MIZAR–STAR
Detroit Young	VHP FWA or LAN SPRTN–STAR
Indianapolis Terminal Area	BIB, SPI, JOT
Louisville	ENL, MEM
Newark*	GEP, VHP, FLM, IIU, BNA, VUZ or IOW GIJ J554 CRL J584 SLT FQM
New York Kennedy*	GEP, VHP, FLM, IIU, BNA, VUZ or DBQ J94 PMM J70 LVZ LENDY–STAR
New York LaGuardia*	GIJ, GEP, VHP, BAE, FLM, IIU, BNA, VUZ
Philadelphia Terminal Area*	GIJ, GEP, VHP, BAE, WHETT, BNA, VUZ
Pittsburgh Terminal Area*	VHP, GIJ, BAE, GEP
Pontiac	LFD, LAN, VHP, FWA, GEP
Providence	JHW, HEMDI, CESNA, GEP, GRB, TVC, ASP, VHP, IIU, BNA, VUZ
Raleigh–Durham	FLM, IIU, BNA, VUZ
Toronto Terminal Area	ECK, SVM, SSM, GEP
Teterboro*	GEP, VHP, CRL, BNA, VUZ
Washington Dulles/National*	GIJ, GEP, FLM, IIU, BAE, VHP, WHETT, BNA, VUZ
White Plains*	GEP, VHP, CRL, FLM, IIU, BNA, VUZ
Willow Run*	LAN, LFD, VHP, FWA, GEP

*Eastbound aircraft over flying ZMP center airspace entering Toronto center airspace, file direct SSM or via J63, J522, Q505, Q504, Q502, Q501
or
Entering ZAU or ZOB airspace from north of DPR J16 MCW, GEP
or
Entering ZAU or ZOB airspace from or south of DPR J16 MCW, CRL.

Catch Points for Airports Located Within (below) HAR Phase I Expansion Airspace

This section lists exit points for aircraft destined to airports which are below HAR Phase I airspace.

Albuquerque Terminal Area	CURLY CURLY–STAR or ESPAN FRIHO–STAR or LAVAN LAVAN–STAR or FTI FRIHO–STAR or MIERA MIERA–STAR
Austin Terminal Area	Aircraft west of a north–south line at LFK, BLEWE or Aircraft east of a north–south line at LFK,IDU or LLO
Boca Raton, FL	CEW DEFUN Q112 INPIN SHDAY (RNAV)–STAR Aircraft through ZHU remain south of ZME and ZTL airspace or DEFUN Q112 INPIN SHDAY (RNAV)–STAR Aircraft through ZHU remain south of ZME and ZTL airspace or SZW INPIN SHDAY (RNAV)–STAR
Chicago Midway	CVA MOTIF–STAR or PIA MOTIF–STAR or DBQ CVA MOTIF–STAR or LMN MOTIF–STAR
Chicago O'Hare Terminal Area	GEP DLL MSN JVL JANESVILLE–STAR or TVC PULLMAN–STAR or FOD DBQ JVL JANESVILLE–STAR or MCW JANESVILLE–STAR or GCK IRK BRADFORD–STAR
Dallas/Fort Worth Terminal Area	IRW, LOSZY, FSM, LIT, SQS, MLU, AEX, JUMBO, TQA, TURKI, HEATR Aircraft through ZME airspace from north and west of PXV, RZC, Q23 FSM or Aircraft through ZME airspace from east of PXV, PXV Q25 MEEOW or Aircraft through ZME airspace from J6 down to, but not including J52, LIT, SQS or Aircraft through ZME airspace from J52 and south of J52, SQS

Denver Terminal Area	OATHE DANDD–STAR or HGO QUAIL–STAR or LOPEC–STAR or ALS LARKS–STAR or HBU POWDR–STAR or EKR TOMSN–STAR or CHE TOMSN–STAR or BFF LANDR–STAR or LBF SAYGE–STAR or HCT SAYGE–STAR or RSK LARKS–STAR or LAA QUAIL–STAR or GCK J154 RYLIE DANDD–STAR or OCS J154 ALPOE RAMMS–STAR or YANKI J114 SNY LANDR–STAR or Aircraft filed BIL or east, MBW RAMMS–STAR
Ft Lauderdale or Ft Lauderdale Executive	CEW DEFUN Q104 PIE SWAGS (RNAV)–STAR Aircraft through ZHU airspace remain south ZME and ZTL airspace or SZW HEVVN Q104 PIE SWAGS (RNAV)–STAR
Houston Bush	CRP, CVE, LLO, LUKIY, SAT or Aircraft south and east of LLA, JEPEG or MISLE Q40 AEX or Aircraft north and east of SJI, SJI or Aircraft east of PXV, PXV Q31 DHART SWB or Aircraft north and west of PXV, PROWL Q33 DHART SWB
Houston Hobby	CRP, ELLVR, SAT, SWB or Aircraft south and east of GIRLY, KCEEE or Aircraft north and east of SJI, SJI or BESOM Q38 ROKIT ROKIT–STAR or Aircraft east of PXV, PXV Q29 HARES SWB or Aircraft north and west of PXV, PROWL Q33 DHART SWB
Jacksonville	GADAY ZOOSS TAY Aircraft through ZHU airspace remain south of ZME and ZTL airspace or ZOOSS TAY

John Wayne–Orange County	HEC, PGS, BLD or Aircraft south of TBC from ZAB airspace, HIPPI
Kansas City Terminal Area	LMN BRAYMER–STAR or PWE ROBINSON–STAR or EMP JHAWK–STAR
Las Vegas	DILCO, LIDAT, IGM or Aircraft over PGA or north of PGA KSINO or Aircraft south of PGA PGS LYNSY
Los Angeles Terminal Area	Aircraft North of TBC, HEC, PGS or Aircraft South of TBC from ZAB airspace, HIPPI, MESSI
Miami Terminal Area	CEW DEFUN Q104 CYY DEEDS (RNAV)–STAR Aircraft through ZHU airspace remain south ZME and ZTL airspace or SZW HEVVN Q104 CYY DEEDS (RNAV)–STAR
Minneapolis Terminal Area	Aircraft from north, west, south, FAR GOPHER–STAR or RWF SKETR–STAR or ALO KASPR–STAR or BRD GOPHER–STAR or BAE EAU CLAIRE–STAR or FOD TWOLF–STAR
Memphis Terminal Area	ARG, BWG, FSM, PXV, LIT, RZC, SQS, VUZ, BNA, GQO, ELD
Naples, FL	CEW DEFUN Q104 PLYER PIKKR (RNAV)–STAR Aircraft through ZHU AIRSPACE remain south of ZME and ZTL airspace or SZW HEVVN Q104 PLYER PIKKR (RNAV)–STAR
Nashville	CCT, GHM, GUITR, TINGS, VOLLS
New Orleans Terminal Area	BLUEZ, GPT, LCH, MCB, TBD, FATSO
Oakland	ILA or KATTS PAMMY or Aircraft over or south of a line ILC J16 DVC REANA KATTS PAMMY or Aircraft from north of ILC, JOPER PAMMY or KATTS PAMMY or Aircraft over or south of ILC, REANA KATTS PAMMY
Orlando Terminal Area	GADAY Q108 CLAWZ LEESE–STAR Aircraft through ZHU airspace remain south of ZME/ZTL airspace or OTK LEESE–STAR

Palm Beach, FL	CEW DEFUN Q112 INPIN GULLO (RNAV)–STAR Aircraft through ZHU airspace remain south of ZME and ZTL airspace or SZW INPIN GULLO (RNAV)–STAR
Phoenix	CORKR DRK or Aircraft from ZDV airspace, GUP or Aircraft from ZAB airspace, ZUN, MOHAK, SSO or VYLLA TUS
Phoenix Satellites	FLG, SSO, MOHAK or VYLLA, TUS
Portland, OR Terminal Area	ARNIT BONVL–STAR or LARNO BONVL–STAR or MOXEE MOXEE–STAR
St. Louis Terminal Area	SGF TRAKE–STAR or BUM TRAKE–STAR or ANX TRAKE–STAR or LMN IRK RIVRS–STAR or RBS VANDALIA–STAR
Salt Lake City Terminal Area	JNC J12 HELPR SPANE–STAR or EKR MTU SPANE–STAR or BCE DTA–TCH or MLF DTA–TCH or BVL BONNEVILLE–STAR or BYI BEARR–STAR or PIH BEARR–STAR or DBS BRIGHAM CITY–STAR or JAC BRIGHAM CITY–STAR or BPI BRIGHAM CITY–STAR or OCS BRIGHAM CITY–STAR
San Diego Terminal Area	EED, LAX, GBN
Santa Ana	HEC, PGS, BLD, HIPPI
San Antonio Terminal Area	IDU, CSI, JCT, LLO, CRP, LRD or West of a north–south line at LFK, BLEWE or East of a north–south line at LFK, IDU

San Francisco	FMG GOLDEN GATE–STAR or MVA MODESTO–STAR or ENI GOLDEN GATE–STAR or OAL MODESTO–STAR or South of a line ILC to DVC, REANA KATTS OAL MODESTO–STAR
San Jose	FMG HYP EL NIDO–STAR or OAL HYP EL NIDO–STAR or ENI GOLDEN GATE–STAR or South of a line ILC to DVC, REANA KATTS KICHI CANDA EL NIDO–STAR
Seattle Terminal Area	Aircraft from northeast, southeast, south, TEMPL GLASR–STAR or SUNED CHINS–STAR or BTG OLMYPIA–STAR
Southwest Florida Airports RSW and FMY	CEW DEFUN Q104 SWABE JOSFF–STAR Aircraft through ZHU airspace remain south of ZME and ZTL airspace or SZW HEVVN Q104 SWABE JOSFF–STAR
Tampa Terminal Area	CEW DEFUN Q104 HEVVN DARBS–STAR Aircraft through ZHU airspace remain south of ZME and ZTL airspace or SZW DARBS–STAR
Tucson	DRK PXR or MOHAK GBN

VISUAL FLIGHT RULES (VFR) WAYPOINTS

VFR Waypoint names consist of five letters beginning with ''VP''. Stand–alone VFR Waypoints are portrayed on VFR Charts using the same four–point star symbol currently used for Instrument Flight Rules (IFR) Waypoints.

VFR Waypoints collocated with Visual Checkpoints (Visual Reporting Points) are portrayed with a Visual Check Point flag. The VFR Waypoint name is shown in parentheses adjacent to the Visual Check Point name.

VFR Waypoint names are not intended to be pronounceable and shall not be used in ATC communications.

CAUTION: GPS accuracy necessitates extra vigilance for other aircraft when navigating near any fix retrieved from a GPS database.

BALTIMORE–WASHINGTON TERMINAL AREA CHART/FLYWAY CHART

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPAXI	_____	N38°34.57′/W076°20.38′
VPONX	_____	N39°06.65′/W076°55.92′
VPOOP	_____	N38°56.32′/W076°36.90′

BOSTON HELICOPTER CHART

VPBAY	_____	N42°16.17′/W070°49.48′
VPBLT	_____	N42°19.67′/W070°53.40′
VPCGS	_____	N42°22.08′/W071°03.13′
VPEVS	_____	N42°23.52′/W071°04.10′
VPFEN	_____	N42°12.58′/W071°08.88′
VPFRE	_____	N42°25.03′/W071°12.32′
VPGVL	_____	N42°21.88′/W070°52.18′
VPHAM	_____	N42°30.13′/W071°07.15′
VPPIK	_____	N42°20.37′/W071°15.93′
VPQUA	_____	N42°12.10′/W071°04.78′
VPQUB	_____	N42°12.60′/W070°59.83′
VPSPF	_____	N42°24.20′/W071°09.47′
VPTOB	_____	N42°31.42′/W070°59.82′
VPWAN	_____	N42°36.88′/W071°19.45′

BOSTON TERMINAL AREA CHART

VPCOH	Cohasset	N42°13.58′/W070°48.94′
VPCUT	Cuttyhunk Harbor	N41°25.50′/W070°55.03′
VPFRA	Framingham Shopping Center	N42°18.16′/W071°23.65′
VPHOL	Woods Hole	N41°31.06′/W070°40.60′
VPHUL	Hull	N42°18.20′/W070°55.30′
VPLPT	Nantucket Great Point	N41°23.41′/W070°02.78′
VPNED	Needham Towers	N42°18.51′/W071°14.64′
VPPEA	Peabody Shopping Center	N42°32.52′/W070°56.69′
VPROC	Rockingham Race Track	N42°46.29′/W071°13.57′
VPSCI	Scituate	N42°11.89′/W070°43.69′
VPTPT	Nantucket Third Point	N41°18.51′/W070°03.37′
VPTUC	Tuckernuck	N41°18.31′/W070°15.43′
VPWAK	Wakefield	N42°30.72′/W071°05.24′
VPWAN	Wang Towers	N42°36.88′/W071°19.45′

CHARLOTTE SECTIONAL CHART

VPATO	_____	N34°37.37′/W076°31.47′
VPAVA	_____	N34°57.00′/W077°16.50′
VPBFE	_____	N32°16.38′/W080°47.50′
VPBRA	_____	N36°13.75′/W076°08.08′
VPGCE	_____	N36°03.90′/W076°36.42′
VPGHI	_____	N35°15.30′/W075°31.25′
VPGIO	_____	N35°32.50′/W076°37.33′
VPKJU	_____	N35°26.58′/W076°10.22′
VPLMN	_____	N34°55.43′/W077°46.42′
VPMAB	_____	N34°42.20′/W077°03.50′
VPNPO	ISLE OF PALMS	N32°47.78′/W079°46.45′
VPOKY	_____	N35°06.53′/W075°59.17′
VPREP	_____	N32°33.98′/W080°21.82′
VPRRS	_____	N33°25.45′/W079°07.60′
VPUMO	_____	N35°35.63′/W075°28.08′
VPWZO	_____	N36°00.87′/W075°40.07′
VPZIE	_____	N32°01.62′/W080°53.42′

CHICAGO SECTIONAL CHART

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPCOH	_____	N31°49.35′/W081°51.07′

DENVER TERMINAL AREA CHART/FLYWAY CHART

VPBEN	_____	N39°44.28′/W104°26.00′
VPFTG	_____	N39°44.35′/W104°32.75′
VPNIC	NORTH INTERCHANGE	N39°58.90′/W104°59.27′

HOUSTON TERMINAL AREA CHART/FLYWAY CHART

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPBWY	_____	N29°46.25′/W095°09.24′
VPDTN	_____	N29°46.59′/W095°22.01′
VPGLA	_____	N30°08.32′/W095°06.62′
VPGLB	_____	N30°07.80′/W094°55.70′
VPKTY	_____	N29°47.05′/W095°44.92′
VPPLN	_____	N30°08.80′/W095°50.42′
VPRSN	_____	N29°30.00′/W095°41.00′
VPSND	_____	N29°23.13′/W095°28.86′
VPSNT	_____	N29°49.29′/W094°53.94′
VPTNE	_____	N29°47.48′/W095°03.34′
VPTNW	_____	N29°47.06′/W095°33.81′
VPTRK	_____	N29°24.06′/W095°10.44′

JACKSONVILLE SECTIONAL CHART

VPAFI	_____	N31°49.35′/W081°51.07′
VPAFY	_____	N30°07.00′/W081°21.33′
VPBEC	_____	N29°46.25′/W081°15.10′
VPCJA	_____	N29°30.00′/W081°06.00′
VPCKY	_____	N28°46.50′/W082°34.00′
VPCNY	_____	N28°30.00′/W080°45.00′
VPDAD	DADE CITY	N28°22.57′/W082°11.25′
VPDAR	_____	N31°22.38′/W081°24.13′
VPDFI	_____	N29°00.17′/W081°20.85′
VPDUT	_____	N27°37.70′/W082°09.10′
VPEAR	CLEARWATER BEACH	N27°58.67′/W082°49.83′
VPEGV	_____	N29°39.97′/W081°24.87′
VPFFU	_____	N28°57.08′/W081°00.33′
VPGPE	ST PETE BEACH	N27°43.50′/W082°44.67′
VPHAA	_____	N30°04.02′/W083°40.02′
VPHUC	_____	N28°19.87′/W082°43.77′
VPIWA	MIDWAY	N31°48.33′/W081°25.85′
VPJMY	_____	N29°26.92′/W081°18.27′
VPKER	LAKE PARKER	N28°04.00′/W081°56.00′
VPLEV	_____	N28°48.00′/W080°52.00′
VPLJA	_____	N29°00.00′/W080°51.00′
VPMAI	_____	N30°50.02′/W084°56.63′
VPTLH	_____	N30°32.70′/W083°52.22′
VPXZY	_____	N29°35.00′/W083°10.00′
VPYIW	_____	N30°42.28′/W081°27.25′
VPZIE	_____	N32°01.62′/W080°53.42′

KANSAS CITY SECTIONAL CHART

VPAGO	_____	N37°50.33′/W090°29.03′
VPBEK	_____	N37°15.07′/W092°30.67′
VPDEN	_____	N37°46.75′/W092°19.20′
VPENE	_____	N37°44.75′/W091°55.78′
VPESS	_____	N36°59.48′/W091°00.88′
VPFME	_____	N37°41.00′/W092°38.33′
VPGXY	_____	N37°15.50′/W091°40.17′
VPMBE	_____	N37°11.08′/W090°27.92′
VPMKE	_____	N37°24.47′/W092°40.00′
VPROV	_____	N38°01.72′/W091°12.81′
VPUTT	_____	N37°52.05′/W092°01.20′

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPWOC	_____	N37°18.03′/W092°18.63′
VPWRO	_____	N37°39.12′/W091°45.68′
VPXIZ	_____	N37°26.60′/W092°05.42′

KANSAS CITY TERMINAL AREA CHART

VPATN	ATCHISON	N39°33.62′/W095°07.65′
VPBGS	BLUE SPRINGS	N39°01.82′/W094°16.32′
VPBSP	BONNER SPRINGS	N39°03.78′/W094°53.10′
VPCHB	CHOUTEAU BRIDGE	N39°08.77′/W094°32.03′
VPDSO	DE SOTO	N38°58.68′/W094°58.48′
VPESG	EXCELSIOR SPRINGS	N39°20.68′/W094°13.77′
VPGTB	GARRETSBURG	N39°40.92′/W094°41.45′
VPLAT	LATHROP WATER TANK	N39°32.87′/W094°20.00′
VPLEN	LENEXA	N38°57.77′/W094°43.68′
VPLVL	LONGVIEW LAKE	N38°54.63′/W094°28.28′
VPMCL	MC LOUTH	N39°11.65′/W095°12.50′
VPNHA	NASHUA	N39°17.83′/W094°34.80′
VPSCX	SPORTS COMPLEX	N39°03.00′/W094°29.02′
VPSKR	SUGAR CREEK REFINERY	N39°07.00′/W094°27.02′
VPSPK	SWOPE PARK	N39°00.47′/W094°31.93′
VPTSK	TWIN STACKS	N39°09.05′/W094°38.22′
VPWOF	WORLDS OF FUN	N39°10.42′/W094°29.12′

KLAMATH FALLS SECTIONAL CHART

VPORO	_____	N43°57.38′/W123°02.22′

LOS ANGELES HELICOPTER CHART

VPANA	_____	N33°44.43′/W117°50.03′
VPART	MAGNOLIA	N33°51.45′/W117°58.92′
VPAUT	HWY 91 & 55	N33°50.63′/W117°49.57′
VPBOB	_____	N33°59.60′/W117°21.45′
VPCAR	_____	N33°49.90′/W118°17.23′
VPCNG	CONEJO GRADE US HWY 101	N34°12.54′/W118°59.61′
VPCOR	_____	N33°52.90′/W117°32.95′
VPCRX	_____	N34°01.40′/W117°44.88′
VPCSU	CSU CHANNEL ISLANDS	N34°09.76′/W119°02.53′
VPDOW	_____	N33°56.47′/W118°05.80′
VPELA	_____	N34°00.98′/W118°10.35′
VPETY	_____	N33°38.70′/W117°44.12′
VPFCB	_____	N34°02.03′/W118°01.63′
VPFPL	OXNARD FINANCIAL PLAZA	N34°13.71′/W119°10.39′
VPGOL	_____	N34°09.33′/W118°17.37′
VPIMP	_____	N33°55.85′/W118°16.85′
VPKAT	_____	N33°48.23′/W117°54.22′
VPKEL	_____	N34°03.92′/W117°48.40′
VPLAC	_____	N34°03.75′/W118°14.93′
VPLLU	_____	N34°03.85′/W117°17.82′
VPLQM	QUEEN MARY	N33°45.17′/W118°11.37′
VPLRT	SANTA ANITA RACE TRACK	N34°08.45′/W118°02.65′
VPLVT	VINCENT THOMAS BRIDGE	N33°44.97′/W118°16.32′
VPMDR	_____	N33°59.27′/W118°23.97′
VPNEW	NEWHALL PASS	N34°20.18′/W118°30.72′
VPNUY	_____	N34°09.63′/W118°28.18′
VPPCH	_____	N33°28.07′/W117°40.32′
VPPKC	_____	N34°03.32′/W118°12.83′
VPPOR	_____	N34°00.10′/W117°50.12′
VPRRT	_____	N33°59.37′/W118°16.83′
VPSEP	_____	N34°05.80′/W118°28.63′
VPSFR	_____	N34°17.45′/W118°28.07′
VPSTC	SATICOY BRIDGE	N34°16.62′/W119°08.34′
VPSTK		N34°13.97′/W118°24.60′

LOS ANGELES SECTIONAL CHART

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPCNG	CONEJO GRADE US HWY 101	N34°12.54′/W118°59.61′
VPCSU	CSU CHANNEL ISLANDS	N34°09.76′/W119°02.53′
VPFPL	OXNARD FINANCIAL PLAZA	N34°13.71′/W119°10.39′
VPSTC	SATICOY BRIDGE	N34°16.62′/W119°08.34′

LOS ANGELES TERMINAL AREA CHART/FLYWAY CHART

VPCNG	CONEJO GRADE US HWY 101	N34°12.54′/W118°59.61′
VPCSU	CSU CHANNEL ISLANDS	N34°09.76′/W119°02.53′
VPGTY	GETTY CENTER	N34°04.84′/W118°28.66′
VPLBP	BANNING PASS	N33°56.05′/W116°59.63′
VPLCC	CHAFFEY COLLEGE	N34°08.87′/W117°34.33′
VPLCP	CAJON PASS	N34°18.07′/W117°27.68′
VPLDL	DISNEYLAND	N33°48.72′/W117°55.13′
VPLDP	DANA POINT	N33°27.62′/W117°42.87′
VPLDS	DODGER STADIUM	N34°04.42′/W118°14.42′
VPLFX	91/605 INTERCHANGE	N33°52.38′/W118°06.08′
VPLGP	GRIFFITH PARK OBSERVATORY	N34°07.10′/W118°18.02′
VPLHF	110/405 FWYS	N33°51.42′/W118°17.10′
VPLHP	HUNTINGTON PIER	N33°39.32′/W118°00.25′
VPLKH	KING HARBOR	N33°50.75′/W118°23.88′
VPLLC	L.A. COLISEUM	N34°00.83′/W118°17.27′
VPLLM	LAKE MATHEWS	N33°50.58′/W117°26.85′
VPLMM	MAGIC MOUNTAIN	N34°26.20′/W118°36.28′
VPLMS	MILE SQUARE PARK	N33°43.40′/W117°56.77′
VPLPD	PRADO DAM	N33°53.40′/W117°38.48′
VPLPP	PACIFIC PALISADES	N34°02.13′/W118°32.15′
VPLQM	QUEEN MARY	N33°45.17′/W118°11.37′
VPLRB	ROSE BOWL	N34°09.67′/W118°10.05′
VPLRT	SANTA ANITA RACE TRACK	N34°08.45′/W118°02.65′
VPLSA	SANTA ANA CANYON	N33°52.03′/W117°42.68′
VPLSB	SANTA FE FLOOD BASIN	N34°07.72′/W117°57.30′
VPLSC	STATE COLLEGE	N33°52.97′/W117°53.13′
VPLSF	SAN FERNANDO RESERVOIR	N34°17.87′/W118°29.00′
VPLSP	SIGNAL PEAK	N33°36.33′/W117°48.63′
VPLSR	HAWTHORNE & 405 FREEWAY	N33°53.07′/W118°21.13′
VPLSS	SANTA SUSANA PASS	N34°16.00′/W118°38.43′
VPLTW	TUJUNGA WASH & FOOTHILL	N34°16.40′/W118°20.30′
VPLVT	VINCENT THOMAS BRIDGE	N33°44.97′/W118°16.32′
VPLWT	WATER TANK	N34°10.82′/W118°46.27′
VPNEW	NEWHALL PASS	N34°20.18′/W118°30.72′
VPSTC	SATICOY BRIDGE	N34°16.62′/W119°08.34′

MIAMI SECTIONAL CHART

VPACH	HOLLYWOOD BEACH	N26°00.92′/W080°06.93′
VPBOV	_____	N27°57.00′/W080°46.75′
VPCLE	_____	N26°27.07′/W082°00.88′
VPCTE	_____	N26°09.28′/W081°20.70′
VPDAD	DADE CITY	N28°22.57′/W082°11.25′
VPDUT	_____	N27°37.70′/W082°09.10′
VPDZE	_____	N27°19.00′/W080°44.17′
VPEAR	CLEARWATER BEACH	N27°58.67′/W082°49.83′
VPEDY	ANDYTOWN TOLLGATE	N26°08.78′/W080°28.00′
VPFAH	_____	N26°25.40′/W081°29.67′
VPGPE	ST PETE BEACH	N27°43.50′/W082°44.67′
VPHRO	_____	N27°05.97′/W082°12.20′
VPHUC	_____	N28°19.87′/W082°43.77′
VPIBR	_____	N27°12.47′/W081°40.22′
VPKER	LAKE PARKER	N28°04.00′/W081°56.00′
VPKOE	_____	N24°40.08′/W081°20.55′
VPLYY	_____	N24°49.07′/W080°49.17′
VPMBO	GULFSTREAM PARK	N25°58.57′/W080°08.17′
VPOBA	PUMPING STATION	N26°28.30′/W080°26.75′
VPRBI	_____	N25°50.67′/W080°55.18′
VPRNL	RANGER STATION	N25°22.92′/W080°36.58′
VPWMO	_____	N27°03.00′/W080°35.00′

MIAMI TERMINAL AREA CHART/FLYWAY CHART

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPACH	HOLLYWOOD BEACH	N26°00.92′/W080°06.93′
VPEDY	ANDYTOWN TOLLGATE	N26°08.78′/W080°28.00′
VPMBO	GULFSTREAM PARK	N25°58.57′W080°08.17′
VPOBA	PUMPING STATION	N26°28.30′/W080°26.75′
VPRBI	_____	N25°50.67′/W080°55.18′
VPRNL	RANGER STATION	N25°22.92′/W080°36.58′

NEW ORLEANS SECTIONAL CHART

VPGPT	_____	N30°25.95′/W089°05.62′
VPLIP	PHILLIPS INLET	N30°16.23′/W085°59.25′
VPMAI	_____	N30°50.02′/W084°56.63′
VPMOB	_____	N30°23.00′/W088°31.72′
VPRAM	_____	N30°18.95′/W089°35.88′
VPRER	_____	N30°13.87′/W085°20.67′
VPRIV	_____	N30°54.85′/W087°57.82′
VPSAW	_____	N30°49.65′/W089°07.42′
VPTHR	_____	N30°19.93′/W087°08.50′

NEW YORK HELICOPTER CHART

VPJAY	_____	N40°59.00′/W073°07.00′
VPLYD	_____	N40°57.37′/W073°29.59′
VPROK	_____	N40°52.70′/W073°44.24′

PHOENIX TERMINAL AREA CHART/FLYWAY CHART

VPALL	ALLENVILLE	N33°20.97′/W112°35.20′
VPAQU	AQUEDUCT PUMPING STATION	N33°40.05′/W112°41.38′
VPARM	ARROWHEAD MALL	N33°38.52′/W112°13.48′
VPAWG	AHWATUKEE GOLF COURSE	N33°19.98′/W111°59.08′
VPAZM	ARIZONA MILLS	N33°23.43′/W111°57.88′
VPBAR	BARTLETT DAM	N33°49.10′/W111°37.92′
VPCCC	COUNTRY CLUB & CANAL	N33°30.73′/W111°50.37′
VPCNL	CANAL	N33°33.23′/W111°46.89°
VPFRB	FIREBIRD LAKE	N33°16.35′/W111°58.10′
VPFTN	FOUNTAIN HILLS	N33°36.12′/W111°42.72′
VPGLX	GILA CROSSING	N33°16.55′/W112°10.08′
VPGPP	GLENDALE POWER PLANT	N33°33.27′/W112°13.00′
VPMAR	MARICOPA	N33°03.42′/W112°02.88′
VPMHS	MESQUITE HIGH SCHOOL	N33°20.53′/W111°49.58′
VPNRV	NEW RIVER	N33°55.08′/W112°08.45′
VPNTT	NORTH TEST TRACK	N33°03.50′/W111°55.83′
VPPIR	PIR	N33°22.52′/W112°18.90′
VPQTR	QUINTERO GOLF COURSE	N33°49.53′/W112°23.58′
VPRVC	RIO VERDE COMMUNITY	N33°44.37′/W111°39.62′
VPSMC	SOUTH MOUNTAIN COLLEGE	N33°23.02′/W112°02.12′
VPSQP	SQUAW PEAK	N33°32.83′/W112°01.27′
VPSSS	SUPERSTITION SPRINGS MALL	N33°23.50′/W111°41.37′
VPSTN	SANTAN MOUNTAINS	N33°09.23′/W111°40.92′
VPSTT	SOUTH TEST TRACK	N32°56.25′/W111°59.67′
VPZZZ	_____	N33°20.18′/W111°26.53′

ST LOUIS TERMINAL AREA CHART/FLYWAY CHART

VPAGN	TV ANTENNA	N38°32.08′/W090°22.42′
VPBPE	_____	N38°23.80′/W090°20.38′
VPCJY	HOLIDAY SHORES	N38°55.00′/W089°56.00′
VPCOJ	WINFIELD DAM	N39°00.28′/W090°41.23′
VPDFA	JEFFERSON BARRACKS BRIDGE	N38°29.18′/W090°16.47′
VPEAZ	BUSCH STADIUM	N38°37.43′/W090°11.55′
VPEDZ	WATER TANKS	N38°45.30′/W090°34.87′
VPEGR	GAS TANKS	N38°35.80′/W090°19.32′
VPEOX	ST PETERS	N38°47.17′/W090°39.25′

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPFAI	HOWELL ISLAND	N38°40.00′/W090°43.00′
VPFFY	_____	N38°55.37′/W090°17.30′
VPGPF	_____	N38°35.60′/W090°26.92′
VPGVI	_____	N38°32.30′/W090°27.80′
VPHRQ	CHAIN OF ROCKS BRIDGE	N38°45.88′/W090°10.42′
VPIBO	WATERLOO	N38°20.00′/W090°09.00′
VPJMU	HORSESHOE LAKE	N38°41.00′/W090°05.00′
VPKNY	PACIFIC	N38°29.00′/W090°44.00′
VPLES	ST CHARLES	N38°47.00′/W090°30.00′
VPLIW	SIX FLAGS	N38°30.67′/W090°40.47′
VPLXU	GATEWAY ARCH	N38°37.50′/W090°11.00′
VPNSY	WOOD RIVER REFINERIES	N38°50.00′/W090°05.00′
VPNZY	WENTZVILLE	N38°48.83′/W090°50.98′
VPRAZ	JERSEYVILLE	N39°07.00′/W090°20.00′
VPRMO	FOREST PARK	N38°38.00′/W090°17.00′
VPWKO	COLUMBIA	N38°27.00′/W090°12.00′
VPXXI	MILLSTADT	N38°27.50′/W090°05.68′
VPYID	MOSENTHEIN ISLAND	N38°43.00′/W090°12.25′

SALT LAKE CITY HELICOPTER CHART

VPAIR	SALTAIR	N40°44.85′/W112°11.22′
VPBEE	SOUTH INTERCHANGE	N40°38.18′/W111°54.23′
VPBRN	BARN	N40°54.28′/W112°10.15′
VPCAP	STATE CAPITOL	N40°46.67′/W111°53.25′
VPCHS	_____	N40°42.28′/W112°05.92′
VPCOP	BINGHAM COPPER MINE	N40°31.38′/W112°09.00′
VPCWY	CAUSEWAY	N41°05.37′/W112°07.17′
VPCYN	PARLEYS CANYON	N40°42.67′/W111°48.10′
VPFPC	FREE PORT CENTER	N41°05.92′/W112°02.27′
VPFPK	FRANCIS PEAK	N41°01.98′/W111°50.30′
VPGFS	GARFIELD STACK	N40°43.28′/W112°11.88′
VPHVE	SPAGHETTI BOWL	N40°43.50′/W111°54.22′
VPJRT	JORDAN RIVER TEMPLE	N40°35.02′/W111°55.58′
VPKSL	KSL ANTENNA	N40°46.80′/W112°05.80′
VPLGN	LAGOON AMUSEMENT PARK	N40°59.08′/W111°53.57′
VPMDH	MCKAY DEE HOSPITAL	N41°11.50′/W111°57.08′
VPMMT	MICROWAVE TOWERS	N40°48.50′/W111°53.37′
VPMSH	_____	N41°01.67′/W112°02.47′
VPNSL	_____	N40°50.15′/W111°54.90′
VPNTP	_____	N41°03.57′/W112°14.23′
VPOGE	GRAIN ELEVATOR	N41°13.13′/W112°00.45′
VPOPS	POWER STATION	N41°20.38′/W112°02.78′
VPPEN	STATE PRISON	N40°29.88′/W111°53.62′
VPPPT	PROMONTORY POINT	N41°12.28′/W112°25.73′
VPPTM	POINT OF THE MOUNTAIN	N40°27.42′/W111°54.83′
VPPVO	PROVO CANYON	N40°18.77′/W111°39.45′
VPRWY	_____	N40°48.48′/W112°00.33′
VPSLC	I–15/I–80 INTERCHANGE	N40°45.83′/W111°54.85′
VPTIP	SOUTH TIP	N40°50.93′/W112°10.92′
VPWBR	WEBER CANYON	N41°08.17′/W111°54.83′
VPWBT	_____	N40°38.00′/W112°03.33′

SALT LAKE CITY TERMINAL AREA CHART/FLYWAY CHART

VPAIR	SALTAIR	N40°44.85′/W112°11.22′
VPBEE	SOUTH INTERCHANGE	N40°38.18′/W111°54.23′
VPBRN	BARN	N40°54.28′/W112°10.15′
VPCAP	STATE CAPITOL	N40°46.67′/W111°53.25′
VPCHS	_____	N40°42.28′/W112°05.92′
VPCOP	BINGHAM COPPER MINE	N40°31.38′/W112°09.00′
VPCVI	CENTERVILLE INTERCHANGE	N40°55.30′/W111°53.43′
VPCWY	CAUSEWAY	N41°05.37′/W112°07.17′
VPCYN	PARLEYS CANYON	N40°42.67′/W111°48.10′
VPFPC	FREE PORT CENTER	N41°05.92′/W112°02.27′
VPFPK	FRANCIS PEAK	N41°01.98′/W111°50.30′
VPGFS	GARFIELD STACK	N40°43.28′/W112°11.88′

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPHVE	SPAGHETTI BOWL	N40°43.50′/W111°54.22′
VPJRT	JORDAN RIVER TEMPLE	N40°35.02′/W111°55.58′
VPKSL	KSL ANTENNA	N40°46.80′/W112°05.80′
VPLGN	LAGOON AMUSEMENT PARK	N40°59.08′/W111°53.57′
VPMDH	MCKAY DEE HOSPITAL	N41°11.50′/W111°57.08′
VPMMT	MICROWAVE TOWERS	N40°48.50′/W111°53.37′
VPMSH	_____	N41°01.67′/W112°02.47′
VPNSL	_____	N40°50.15′/W111°54.90′
VPNTP	_____	N41°03.57′/W112°14.23′
VPOGE	GRAIN ELEVATOR	N41°13.13′/W112°00.45′
VPOPS	POWER STATION	N41°20.38′/W112°02.78′
VPPEN	STATE PRISON	N40°29.88′/W111°53.62′
VPPPT	PROMONTORY POINT	N41°12.28′/W112°25.73′
VPPTM	POINT OF THE MOUNTAIN	N40°27.42′/W111°54.83′
VPPVO	PROVO CANYON	N40°18.77′/W111°39.45′
VPRWY	_____	N40°48.48′/W112°00.33′
VPSLC	I–15/I–80 INTERCHANGE	N40°45.83′/W111°54.85′
VPTIP	SOUTH TIP	N40°50.93′/W112°10.92′
VPUOU	U OF U EVENTS CENTER	N40°45.73′/W111°50.28′
VPWBR	WEBER CANYON	N41°08.17′/W111°54.83′
VPWBT	_____	N40°38.00′/W112°03.33′
VPZOO	HOGLE ZOO	N40°45.00′/W111°48.95′

SAN DIEGO TERMINAL AREA CHART/FLYWAY CHART

VPLDP	DANA POINT	N33°27.62′/W117°42.87′
VPLSP	SIGNAL PEAK	N33°36.33′/W117°48.63′
VPOCN	_____	N33°14.15′/W117°26.63′
VPSBC	BARONA CASINO	N32°56.25′/W116°52.60′
VPSBL	_____	N33°05.18′/W117°18.55′
VPSBM	BLACK MOUNTAIN	N32°58.87′/W117°07.00′
VPSCF	_____	N32°48.55′/W117°09.17′
VPSCM	COWLES MOUNTAIN	N32°48.72′/W117°01.97′
VPSCP	CRYSTAL PIER	N32°47.77′/W117°15.42′
VPSCR	_____	N32°39.37′/W117°07.30′
VPSFB	IRON MOUNTAIN	N32°58.25′/W116°57.33′
VPSLJ	LAKE JENNINGS	N32°51.53′/W116°53.28′
VPSMB	_____	N32°45.57′/W117°12.22′
VPSMP	_____	N33°22.70′/W117°36.75′
VPSMS	MOUNT SOLEDAD	N32°50.40′/W117°15.10′
VPSMV	_____	N32°45.75′/W117°09.80′
VPSMW	MOUNT WOODSON	N33°00.52′/W116°58.23′
VPSOP	OTAY MESA PRISON	N32°35.82′/W116°55.28′
VPSOT	LOWER OTAY LAKE	N32°37.73′/W116°55.38′
VPSPL	SOUTH POINT LOMA	N32°39.90′/W117°14.55′
VPSPP	POWER PLANT	N33°08.25′/W117°20.23′
VPSQS	QUALCOMM STADIUM	N32°46.98′/W117°07.23′
VPSRT	DEL MAR RACE TRACK	N32°58.58′/W117°15.95′
VPSSM	SAN MIGUEL MOUNTAIN	N32°41.78′/W116°56.18′
VPSSV	SAN VICENTE ISLAND	N32°55.53′/W116°55.00′
VPSTP	TORREY PINES GOLF COURSE	N32°54.17′/W117°14.68′
VPSVA	_____	N33°11.48′/W117°16.38′

SAN FRANCISCO SECTIONAL CHART

VPKBG	KINGSBURY GRADE	N38°58.75′/W119°53.20′

SAN FRANCISCO TERMINAL AREA CHART/FLYWAY CHART

VPALT	ALTAMONT PASS	N37°44.35′/W121°35.42′
VPANT	ANTIOCH BRIDGE	N38°01.45′/W121°45.02′
VPBBR	BENICIA BRIDGE	N38°02.50′/W122°07.45′
VPCAL	CALAVERAS RESERVOIR	N37°28.16′/W121°48.93′
VPCBT	LAKE CHABOT	N37°43.68′/W122°06.94′
VPCOY	COYOTE HILLS	N37°32.50′/W122°05.06′
VPCQZ	CARQUINEZ BRIDGE	N38°03.66′/W122°13.52′
VPCRL	_____	N37°11.00′/W121°41.06′
VPCRY	CRYSTAL SPRINGS CAUSEWAY	N37°30.56′/W122°21.10′

WAYPOINT IDENT	COLLOCATED VFR CHECKPOINT	LOCATION
VPCSH	CAL STATE UNIVERSITY	N37°39.52′/W122°03.52′
VPDAM	DEL VALLE DAM	N37°36.91′/W121°44.78′
VPDLR	_____	N37°07.00′/W121°47.06′
VPDUB	DUBLIN	N37°42.06′/W121°55.36′
VPEMB	EMBASSY SUITES	N37°26.05′/W121°53.83′
VPGGF	GOLDEN GATE FIELDS	N37°53.07′/W122°18.71′
VPGIL	GILROY	N37°01.37′/W121°33.99′
VPHHH	HAMILTON	N38°03.58′/W122°30.66′
VPKGO	KGO	N37°31.58′/W122°06.10′
VPLEX	LEXINGTON RESERVOIR	N37°11.66′/W121°59.18′
VPMID	MID–SPAN SAN MATEO BRIDGE	N37°36.28′/W122°11.81′
VPMOR	MORMON TEMPLE	N37°48.46′/W122°11.95′
VPNUM	NUMMI PLANT	N37°29.56′/W121°56.58′
VPPAC	_____	N37°38.00′/W122°32.07′
VPPRU	PRUNEYARD	N37°17.33′/W121°56.01′
VPSAR	SARATOGA	N37°15.26′/W122°02.33′
VPSLA	SLAC/LINEAR ACCELERATOR	N37°24.75′/W122°14.35′
VPSTB	STINSON BEACH	N37°54.45′/W122°40.41′
VPSUN	SUNOL GOLF COURSE	N37°34.85′/W121°53.23′
VPUTC	U.T.C.	N37°13.93′/W121°41.35′
VPWAL	WALNUT CREEK	N37°53.78′/W122°04.30′
VPWAM	_____	N37°30.28′/W122°10.00′
VPWFR	CEMENT PLANT	N37°30.88′/W122°12.26′

TAMPA/ORLANDO TERMINAL AREA CHART/FLYWAY CHART

VPBOV	_____	N27°57.00′/W080°46.75′
VPCNY	_____	N28°30.00′/W080°45.00′
VPDAD	DADE CITY	N28°22.57′/W082°11.25′
VPDFI	_____	N29°00.17′/W081°20.85′
VPDUT	_____	N27°37.70′/W082°09.10′
VPEAR	CLEARWATER BEACH	N27°58.67′/W082°49.83′
VPFFU	_____	N28°57.08′/W081°00.33′
VPGPE	ST PETE BEACH	N27°43.50′/W082°44.67′
VPHUC	_____	N28°19.87′/W082°43.77′
VPKER	LAKE PARKER	N28°04.00′/W081°56.00′
VPLEV	_____	N28°48.00′/W080°52.00′
VPLJA	_____	N29°00.00′/W080°51.00′

WASHINGTON SECTIONAL CHART

VPACE	_____	N38°07.82′/W076°48.75′
VPAXI	_____	N38°34.57′/W076°20.38′
VPBRA	_____	N36°13.75′/W076°08.08′
VPGCE	_____	N36°03.90′/W076°36.42′
VPWZO	_____	N36°00.87′/W075°40.07′

VOR RECEIVER CHECKPOINTS AND VOT TEST FACILITIES (VOT)

The use of VOR airborne and ground checkpoints is explained in Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

NOTE: Under columns headed Type of Checkpoint & Type of VOT Facility G stands for ground. A/ stands for airborne followed by figures (2300) or (1000-3000) indicating the altitudes above mean sea level at which the check should be conducted. Facilities are listed in alphabetical order, in the state where the checkpoints or VOTs are located.

CONNECTICUT

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Carmel (Danbury Muni)	116.6/CMK	A/1500	050	6.7	Over apch end of Rwy 08.
Madison (Chester)	110.4/MAD	A/1500	076	9.4	Over small hangar.
Madison (Meriden Markham Muni)	110.4/MAD	A/1500	345	13.4	Over small hangar.
Norwich (Windham)	110.0/ORW	A/1500	339	13.9	Over intersection of rwy and twy.
Putnam (Danielson)	117.4/PUT	A/1300	211	8.5	Over int of ramp taxiway and rwy.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Bradley Intl	111.4	G	
Bridgeport (Igor I. Sikorsky Mem)	109.25	G	
Groton (Groton–New London)	110.25	G	
Hartford (Hartford–Brainard)	108.2	G	

DELAWARE

VOR RECEIVER CHECK POINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Smyrna (Delaware Airpark)	111.4/ENO	A/1000	267	3.6	Over thld Rwy 27.
Wilmington (New Castle)	114.0/DQO	G	170	0.5	On runup pad Rwy 01. OTS indef.
		G	284	0.6	On Twy 'K' at Rwy 09.
		G	067	0.5	On Twy 'K' at Rwy 27. OTS indef.
Wilmington (Summit Airpark)	114.0/DQO	A/1200	219	10.8	Over rotating bcn. OTS indef.

MAINE

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Augusta (Auburn-Lewiston Muni)	111.4/AUG	A/1500	250	26.5	Over intersection of rwys.
Bangor (Bangor Intl)	114.8/BGR	G	153	3.8	On runup area Rwy 33.
Kennebunk (Sanford Rgnl)	117.1/ENE	A/1300	267	4.5	Over Twy C and dsplcd thld Rwy 14.
Presque Isle (Caribou Muni)	116.4/PQI	A/1700	051	6.5	Over intersection of rwys.
Presque Isle (Northern Maine Rgnl Arpt at Presque Is)	116.4/PQI	A/2000	180	5.7	Over intersection of rwys.
Princeton (Princeton Muni)	114.3/PNN	A/1300	164	9.6	Over intersection of rwy and strip. OTS indef.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Portland Intl Jetport	111.0	G	
Bangor Intl	111.0	G	

MARYLAND

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Frederick (Frederick Muni)	109.0/FDK	G	035	0.6	On runup pad apch end Rwy 23.
		G	359	0.6	Intersection Twys H and D.
Frederick (Montgomery County Airpark)	109.0/FDK	A/2000	155	17.2	Over apch end Rwy 14.
Hagerstown (Hagerstown Rgnl–Richard A Henson Fld)	109.8/HGR	A/1700	089	5.3	Over new ATCT.
Salisbury (Ocean City Muni)	111.2/SBY	A/1300	109	18.6	Intersection of twy and Rwy 32.
Salisbury (Salisbury-Ocean City Wicomico Rgnl)	111.2/SBY	G	221	0.7	Runup pad Rwy 05.

MASSACHUSETTS

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Barnes (Barnes Muni)	113.0/BAF	G	207	1	From the facility.
Gardner (Fitchburg Muni)	110.6/GDM	A/1500	102	13.0	Over intersection of rwys.
Gardner (Metropolitan)	110.6/GDM	A/2000	097	1.9	Over intersection of twy and rwy.
Gardner (Orange Muni)	110.6/GDM	A/1500	292	10	Over parachute jump circle.
Gardner (Worcester Rgnl)	110.6/GDM	A/2000	167	18.8	Over intersection of Rwys 11–29 and 15–33.
Lawrence (Plum Island)	112.5/LWM	A/1500	089	11.8	Over apch end Rwy 10.
Marthas Vineyard (Marthas Vineyard)	114.5/MVY	G	216	0.7	On runup block for Rwy 06.
Nantucket (Nantucket Memorial)	116.2/ACK	G	242	1.9	On runup area at apch end Rwy 24.
Putnam (Southbridge Muni)	117.4/PUT	A/1700	329	12	Over intersection of twy and rwy.

VOT TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Laurence G. Hanscom	110.0	G	
Gen. Ed. Lawrence Logan Intl.	111.0	G	
Worcester Rgnl	108.2	G	

NEW HAMPSHIRE

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Berlin (Berlin Rgnl)	110.4/BML	A/2600	190	6.0	Over ski jump on W side of road.
	110.4/BML	G	191	3.4	Hold short line Rwy 18–36.
Gardner (Jaffrey Arpt–Silver Ranch)	110.6/GDM	A/2000	023	15.8	Over intersection of rwy and twy.
Lebanon (Lebanon Muni)	113.7/LEB	A/1600	246	5.0	Over intersection of Rwys 07-25 and 18-36.
	113.7/LEB	G	248	5.1	On Bravo-Two twy.
Pease (Portsmouth Intl at Pease)	116.5/PSM	G	015	0.4	North runup pad.
		G	157	1.5	On south runup pad.
Pease (Skyhaven)	116.5/PSM	A/1500	356	12.6	Over windsock.

NEW JERSEY

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Cedar Lake (Millville Muni)	115.2/VCN	A/1500	215	11.4	Over intersection Rwys 10-28 and 14-32.
Coyle (Lakewood)	113.4/CYN	A/1000	048	18.9	Over apch end Rwy 06.
Coyle (Robert J. Miller Air Park)	113.4/CYN	A/1500	054	9.0	Over apch end Rwy 06.
Robbinsville (Trenton-Robbinsville)	113.8/RBV	A/1200	289	5.2	Over apch end Rwy 11.
Sea Isle (Cape May County)	114.8/SIE	A/1200	236	6.8	Over apch end Rwy 19.
Yardley (Trenton Mercer)	108.2/ARD	A/1500	080	4.5	Over ATCT.

NEW YORK

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Binghamton (Greater Binghamton/Edwin A Link Fld)	112.2/CFB	G	075	7.6	On north ramp.
Binghamton (Tri-Cities)	112.2/CFB	A/2000	170	5.0	Over rwy intersection.
Carmel (Westchester County)	116.6/CMK	A/1500	215	14.0	Over center of arpt.
Dunkirk (Chautauqua Co/Dunkirk)	116.2/DKK	G	043	0.5	On twy adjacent to the apch end Rwy 24.
Glens Falls (Floyd Bennett Memorial)	110.2/GFL	G	034	0.5	On runup area Rwy 19.
Groton (Elizabeth Field)	110.85/GON	A/1200	183	4.8	Over intersection of rwys.
Huguenot	116.1/HUO	A/3000	222	6.2	Over monument on hill.
Huguenot (Randall)	116.1/HUO	A/1500	093	8.8	Over apch end Rwy 07.
Ithaca (Tompkins Rgnl)	111.8/ITH	G	157	0.8	On twy apch end Rwy 32.
Jamestown (Chautauqua County/ Jamestown)	114.7/JHW	A/2500	260	6.2	Over hangar NE corner of arpt.
Kingston (Sky Acres)	117.6/IGN	A/2500	070	5.0	Over intersection of twy and Rwy 17-35.
Kingston (Sky Park)	117.6/IGN	A/1500	010	18.8	Over apch end Rwy 01.
Poughkeepsie (Dutchess County)	114.3/PWL	A/1500	248	15.2	Over intersection Rwys 15-33 and 06-24.
Rockdale (Oneonta Muni)	112.6/RKA	A/3000	078	8.5	Over hangar.
Rockdale (Sidney Muni)	112.6/RKA	A/2200	229	12.5	Over hangar.
Rochester (Greater Rochester Intl)	110.0/ROC	G	98	0.6	On Twy 'K' between Twys 'F' and 'J'. (Near de–ice pad).
Saranac Lake	109.2/SLK	A/3000	141	4.2	Over microwave tower on Mt Pisgah.
Watertown (Watertown Intl)	109.8/ART	G	046	3.0	On ramp in front of administration building.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Albany County	108.2	G	Unusable runup and hold areas Twy M. Unusable runup pad, holding area and apch end of Rwy 19.
Buffalo Niagara Intl	109.0	G	
Islip (Long Island MacArthur)	109.4	G	
John F. Kennedy Intl	115.1	G	

PENNSYLVANIA

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Bradford (Bradford Rgnl)	116.6/BFD	G	321	1.1	On SE twy midway between ramp and Rwy 32.
Clarion (Clarion County)	112.9/CIP	A/3000	286	10.9	Over center of interstate bridge/river.
East Texas (Allentown Queen City Muni)	110.2/ETX	A/1200	103	9.2	Over intersection of Rwys 07-25 and 14-32. Checkpoint unavbl indef.

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Erie (Erie Intl/Tom Ridge Fld)	109.4/ERI	G	060		6.1 NM on twy at apch end Rwy 06. Ground receiver checkpoint OTS.
Hazelton (Hazelton Muni)	109.4/HZL	G	093		On short twy midfield. VOR ground checkpoint OTS indef.
Lancaster (Lancaster)	117.3/LRP	G	306	0.5	On Twy M.
Milton (Bloomsburg Muni)	109.2/MIP	A/1500	108	10.3	Over threshold Rwy 08.
North Philadelphia (Northeast Philadelphia)	112.0/PNE	G	215		Twy F.
Philipsburg (Mid-State)	115.5/PSB	G	256	4.5	On twy near intersection of Rwys 06–24 and 16–34.
Philipsburg (University Park)	115.5/PSB	A/2500	132	7.6	Over intersection of Rwys 06-24 and 16-34.
Pottstown (Pottstown Muni)	116.5/PTW	A/1500	303	5.6	Over E hangar. VOR airborne checkpoint OTS indef.
Ravine (Muir AAF)	114.6/RAV	A/2500	179	7.7	Over water twr ½ NM NE of rwy.
Ravine (Schuylkill County/Joe Zerbey)	114.6/RAV	A/2000	060	13.9	Over intersection of Rwys 11-29 and 04-22. VOR airborne checkpoint OTS indef.
Solberg (Doylestown)	112.9/SBJ	A/1500	240	22.6	Over apch end Rwy 23.
Stonyfork (Wellsboro Johnston)	108.6/SFK	A/3600	111	6.5	Over 2558′ tower.
Wilkes-Barre (Pocono Mountains Muni)	111.6/LVZ	A/3000	131	16.2	Over intersection of Rwys 05–23 and 13–31.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Harrisburg Intl	110.0	G	
Philadelphia Intl.	109.8	G	Unusable west of Twy Y.

RHODE ISLAND

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Providence (Newport State)	115.6/PVD	A/1400	164	13.4	Over intersection of rwys.
Providence (North Central State)	115.6/PVD	A/1500	360	12.2	Over intersection of rwys.
Groton (Block Island State)	110.85/GON	A/1800	129	23.5	Over terminal building.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Providence (Theodore Francis Green State)	108.2	G	

VERMONT

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Burlington Intl.	109.0	G	

VIRGINIA

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Cape Charles (Campbell Field)	112.2/CCV	A/1000	050	8.9	Over rwy intersection.
Cape Charles (Tangier Island)	112.2/CCV	A/1500	010	28.4	Over apch end Rwy 02.
Danville (Danville Rgnl)	113.1/DAN	G	340		At intersection of Twy A and hangar row near Twy E.
Flat Rock (Farmville Rgnl)	113.3/FAK	A/1600	257	31	Over intersection of twy and rwy.
Lynchburg (Lynchburg Rgnl-Preston Glenn Field)	109.2/LYH	G	026	5.0	West runup area adjacent to Rwy 22.
Norfolk (Norfolk Intl)	116.9/ORF	G	031		At center of twy E 250′ NW of centerline of Rwy 23.
Richmond	114.1/RIC	A/2100	306	8.5	Over 1054′ twr.
Richmond (Richmond Intl)	114.1/RIC	G	005	.9	On run up area Rwy 16 Twy.
		G	344	.9	On twy in front of Aeronautical Services hangar.
		G	138	.7	Twy front of Army Guard ramp.
		G	270	.7	On Twy J between Twys A and T.
South Boston (Danville Rgnl)	110.4/SBV	A/1500	255	16.8	Over terminal building.

WEST VIRGINIA

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Lewisburg (Greenbrier Valley)	116.05/LWB	G	236	.7	On Twy A northwest on Twy E.
Martinsburg (Eastern West Virginia Rgnl Shepherd Fld)	112.1/MRB	G	281	6.2	At apch end Rwy 35.
		G	284		D twy south of Rwy 08–26.
		G	284		Twy C intersection with Rwy 08–26.
		G	287	6.5	In front of twr on twy A. VOR receiver checkpoint OTS.
Morgantown (Morgantown Muni-Walter L. Bill Hart Fld)	111.6/MGW	G	337	5.8	Intersection of Twys A and C.
Parkersburg (Mid–Ohio Valley Rgnl)	108.6/JPU	G	211°	6.3	Intersection of Twy A and Twy D.
		G	208	6.5	Twy J and apch end Rwy 28.
Wheeling (Wheeling Ohio Co)	112.2/HLG	G	223	5.9	On twy on east side of ramp.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Charleston (Yeager)	108.8	G	

The following tabulation lists all reported parachute jumping sites in the area of coverage of this directory. Unless otherwise indicated, all activities are conducted during daylight hours and under VFR conditions. The busiest periods of activity are normally on weekends and holidays, but jumps can be expected at anytime during the week at the locations listed. Jumps within restricted airspace are not listed.

All times are local and altitudes MSL unless otherwise specified.

Contact facility and frequency is listed at the end of the remarks, when available, in bold face type.

Refer to Federal Aviation Regulations Part 105 for required procedures relating to parachute jumping.

Organizations desiring listing of their jumping activities in this publication should contact the nearest FSS, tower or ARTCC.

Qualified parachute jumping sites will be depicted on the appropriate visual chart(s).

Note: (c) in this publication indicates that the parachute jump area is charted.

To qualify for charting, a jump area must meet the following criteria:

(1) Been in operation for at least 1 year.
(2) Operate year round (at least on weekends).
(3) Log 4,000 or more jumps each year.

In addition, jump sites can be nominated by FAA Regions if special circumstances require charting.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
	CONNECTICUT		
(c) **Danielson Arpt**	8 NM; 211° Putnam	12,500	5 NM radius. Weekends and holidays.
(c) **Ellington Arpt**	17 NM; 025° Hartford	15,000	Fri, Sat, Sun, and occasional weekdays. 0.25 NM radius Pea Stone target
Harwinton	25 NM; 300° Hartford	7,200	0700-SS weekends.
	DELAWARE		
Georgetown, Sussex Co. Arpt	10 NM; 230° Waterloo	12,500	0900-SS Weekends; 1700-SS Wednesday.
Selbyville, Warrington Fld	17 NM; 079° Salisbury	15,000	Weekends and holidays.
(c) **Western Suxxex/Booth Fld**	12 NM; 356° Salisbury	12,000	5 NM radius. SR–SS daily.
	MAINE		
(c) **Lebanon**	13 NM; 275° Kennebunk	14,000	0800–SS daily.
Millinocket Muni Arpt	9.5 NM; 319° Millinocket	14,000 AGL	5 NM radius. Daily SR-SS.
	MARYLAND		
Accident	14 NM; 275° Grantsville		
Edgewood	29 NM; 056° Baltimore	10,000	Weekends, evenings, occasional weekdays
Gambrills, Dairy Farm Drop Zone	7 NM; 198° Baltimore	1300 AGL	0.5 NM radius. Weekends-November thru April.
Long Greene Drop Zone	21 NM; 038° Baltimore	10,000 AGL	0.5 NM radius. Weekends.
(c) **Ocean City Muni Arpt**	18 NM; 108° Salisbury	15,000	3 NM radius. 1 May–30 Nov continuous.
Patuxent River NAS (Trapnell Fld)	1.2 NM; 243° Patuxent	Unrestricted	0.25 NM radius. 1600-SS Mon–Fri, 0800–SS Sat, Sun, Holidays.
	0.7 NM; 303° Patuxent	Unrestricted	0.25 NM radius.
Sumang Drop Zone	20.3 NM; 286° Baltimore	3,000 AGL	0.4 NM radius. Weekends
Tewey Drop Zone	24 NM; 023° Baltimore	10,000 AGL	1 NM radius. Weekends
Unity Drop Zone	20 NM; 292° Baltimore	3,000 AGL	0.4 NM; radius. Weekends
	MASSACHUSETTS		
(c) **Ft. Devens, Turner Drop Zone**	18 NM; 115° Gardner	4,000 AGL	.5 NM radius. Daily SR-SS (occasionally nights) (occasionally to 20,000′.)
Marston Mills	20 NM; 045° Marthas Vineyard	10,000	1 NM radius 0700–SS daily
(c) **Montague, Turners Falls Arpt**	18 NM; 237° Keene	12,500 AGL	5 NM radius. SR-SS daily.
Natick Laboratory Sudbury	21 NM; 295° Boston	4,000 AGL	0.25 NM radius. 0800-1700 Mon-Fri

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
(c) **Orange Muni Arpt**	10 NM; 292° Gardner	14,000	1 NM radius. Thu–Sun and holidays. SR–one hr after SS. Boston Center 123.75
(c) **Pepperell, Sports Center Arpt**	13 NM; 233° Manchester	20,000 AGL	3 NM radius. Daily SR-SS frequently ngt ops.
	NEW JERSEY		
(c) **Belmar/Farmingdale, Monmouth Executive Arpt**	7 NM; 170° Colts Neck	13,500	3 NM radius. SR–SS Daily.
(c) **Chatsworth, Coyle Fld**	1 NM; 130° Coyle	2,000 AGL	Continuous. Heavy equip and paratroopers
(c) Cross Keys	10 NM; 355° Cedar Lake	14,000	1.5 NM radius. Daily SR–SS.
(c) **Lakehurst NAES (Maxfield Fld)**	0.9 NM; 280° Navy Lakehurst TACAN	12,500	0.3 NM radius. Daily SR-SS. Cargo drops ngts 2000′ and below
(c) **Sussex**	9 NM; 350° Sparta	15,000	1.5 NM radius. Daily 0700–SS.
	NEW YORK		
(c) **Albion, Pine Hill Arpt**	22 NM; 055° Buffalo	12,000′	2 NM radius. 0800–1 hour after SS, Wed thru Sun and holidays.
Arcade Tri–Co Arpt	24 NM; 162°Buffalo	10,000	5 NM radius. 0900-2100 SR-SS, Sat, Sun, and Wed.
Bloomingburg, Shan-Wan-Ga Valley Arpt	13 NM; 050° Huguenot	12,000	5 NM radius. 0900-SS daily.
(c) **Calverton**	1.5 NM; 150° Calverton	13,500	2 NM radius. Daily SR–SS.
(c) **Duanesburg Arpt**	14 NM; 280° Albany	13,000	3 NM radius. SR–SS daily.
(c) **East Moriches, Spadaro Arpt**	7 NM; 170° Calverton	14,000	1 NM radius, 0800-SS Sat and Sun. 1600-SS Wed.
Fort Drum	23 NM; 060° Watertown	1,000 AGL	1 NM radius. SR-SS Mon-Fri.
Gardiner Arpt	15 NM; 284° Kingston	14,500	4 NM radius. Daily SR–SS.
Hamiliton Muni Arpt	13 NM; 085° Georgetown	10,000 AGL	5 NM radius. Weekends.
(c) **Java**	21 NM; 157° Buffalo	13,000	5 NM radius. Daily SR-SS, occasionally til 2400
Johnstown, Fulco Arpt	27 NM; 315° Albany	15,000 AGL	3 NM radius. SR-SS Fri, Sat, Sun & holidays. Occasionally other days.
Kirkwood Arpk	18 NM; 130° Binghamton	12,000	5 NM radius. 1000-SS Sat & Sun.
(c) **Lexington-Prattville, Maben Arpt**	26 NM; 089° De Lancey	22,000	3 NM radius. SR-SS daily.
Newfane, Hollands Intl Arpt	21 NM; 353° Buffalo	18,000	5 NM radius. SR-SS daily; occasional ngts.
New Paltz, Stanton Arpt	15NM; 301° Kingston	14,000	3NM radius. Sat, Sun and holidays SR–SS, occasional ngts and other days.
(c) **Ovid Arpt**	18 NM; 313°Ithaca	13,500	2 NM radius. 0600-2400 daily.
(c) **Quaker Street, Knox Arpt**	15 NM; 280° Albany	14,000	3 NM radius. Daily SR-2400.
Rhinebeck, Old Rhinebeck Arpt	19 NM; 323° Pawling	4,900	2 NM radius. SR–SS Sat–Sun Jun 15–Oct 15.
(c) Scotia, Mohawk Valley	12 NM/318° Albany	12,000	5 NM radius. 0800–2400 daily.
Stormville Arpt	13NM; 215° Pawling	13,000 AGL	Daily, SR–SS.
(c) **Verona, Curtis Arpt**	21 NM; 304° Utica	10,000	5 NM radius. SR–SS daily Apr 1-Nov 30.
(c) **Wallkill**	25 NM; 062° Huguenot	14,500 AGL	1 NM radius. Daily 1200–0200.
West Bloomfield, Fort Hill Arpt	9 NM; 070° Geneseo	15,000	1200-1 hr after SS Wed-Fri; 0800-1 hr after SS Sat, Sun & holidays; occasional ngt till 2400.
Westhampton Beach, Francis S Gabreski Arpt.	10NM; 130° Calverton	13,000′ AGL	1NM radius. Tue thru Fri 1000-1400 13,000′ to sfc and 1400-2200 8,000′ to sfc.
(c) **West Point**	22 NM; 112° Huguenot	10,000	2 NM radius. Weekdays 1200-SS, weekends, occasionally.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
PENNSYLVANIA			
Bethel, Grimes Arpt	16 NM; 112° Ravine	11,000	5 NM radius. SR–SS daily.
(c) **Burgettstown, Starveggi Drop Zone**	9 NM; 042° Wheeling WV	2000 AGL	1 NM radius. Tue-Thur 1030-2200; occasionally (by notam) Fri-Sun 0700-1800.
(c) **Chambersburg Franklin Co Rgnl Arpt**	14NM; 087° St Thomas	15,000 AGL	2NM radius. SR-SS daily.
Connellsville Arpt	14 NM; 272° Indian Head	15,000	4NM radius. Mar–Nov. Fri–Sun SR SS.
Culmerville Arpt	22 NM; 125° Ellwood City	11,500 AGL	Daily SR-SS
Doylestown	8 NM; 303° Yardley	12,500	Sat and Sun SR-SS
(c) **East Stroudsburg, Stroudsburg–Pocono Arpt**	13.4 NM; 291° Stillwater	14,500	2.5 NM radius. 0600–2200 daily.
(c) **Fort Indiantown Gap-Muir AAF, Cold Steel Drop Zone**	6.7 NM; 172°Ravine	800-2000 AGL	By NOTAM only. Military use. 5 NM radius.
(c) **Freedom, Kindelberger Landing Strip**	8.5 NM; 175° Ellwood City	14,500	3 NM radius. Weekends and holidays SR-SS, Wed 1600-SS, and occasional ngts.
Freefall Oz Arpt	14 NM; 252° Wellsville	12,500	5 NM radius. Wed–Sun 1300–2359.
(c) Germansville, Flying M Aerodrome	9 NM; 003° East Texas	14,000	1 NM radius. 0900–SS daily.
(c) Grove City Arpt	19.3 NM; 011° Ellwood City	15,000	3 NM radius. 0800–1900 EST, 0900–2230 EDT daily.
(c) **Hazleton Muni Arpt**	6 NM; 081° Hazleton	14,500	SR-SS weekends and holidays; 1500-SS weekdays
(c) **Jeannette, Greensburg Jeannette Rgnl**	19 NM; 089° Allegheny	12,000	1 NM radius. 1 Apr–31 Oct, Wed 1700–2100, Sat/Sun 1000–2100.
Jersey Shore, Hinaman Acres Arpt	23 NM; 240° Williamsport	13,000	Tue and Thur 1600-SS; Sat and Sun 0800-SS.
Littlestown, Kingsdale Airpark	13 NM; 345° Westminster	10,500	2 NM radius. 0900–2000 daily.
Meadville, Port Meadville	19 NM; 311° Franklin	12,500	Weekends SR-SS.
(c) **Mt. Joy/Marietta, Donegal Springs Airpark**	12 NM; 272° Lancaster	15,000	2 NM radius. SR-SS daily.
North East, Moorhead Arpk	21 NM; 065° Erie	12,000	5 mi radius. Extensive skydiving activities 1600–2100 weekdays and 0900–2100 weekends from surface to 12,000 ft MSL.
(c) **Perkasie, Pennridge Arpt**	15.9 NM; 060° Pottstown	14,500	5 NM radius. SR–SS daily, nights by NOTAM.
(c) **Tunkhannock, Skyhaven Arpt**	19 NM; 333° Wilkes–Barre	13,500 AGL	5 NM radius. SR–SS daily.
(c) **Worthington, J.T. Willie Arpt**	25 NM; 098° Ellwood City	14,000	1 NM radius. Weekends and holidays SR-SS, Fri 2200–SS, occasional ngts.
RHODE ISLAND			
Greene, Riconn Arpt	15 NM; 060° Norwich	12,500	Daily SR-SS.
(c) **Newport State**	13.3 NM; 164° Providence	10,000	1 NM radius. SR–SS daily Apr 1–Nov 30.
(c) **Pawtucket, North Central State Arpt**	12 NM; 001° Providence	13,000	3 NM radius. 0800–1 hour after SS daily. Mar 27–Dec 1.
VERMONT			
(c) **Addison, Ass–Pirin Acres Arpt**	21 NM; 219° Burlington	12,000	5 NM radius. SR–SS daily. Frequent night jumps.
Shelburne Arpt	3 NM; 240° Burlington	15,000	2 NM radius. Daily SR-SS.
VIRGINIA			
(c) **Blackstone, Allen C. Perkinson/ BAAF**	16 NM; 355° Lawrenceville	12,500 AGL	1 NM radius. Daily.
Forest, New London Arpt	5 NM; 274° Lynchburg	11,000	Daily SR-SS.
(c) **Fort A. P. Hill Bowling Green Drop Zone**	12 NM; 192° Brooke	12,000 AGL	1 NM radius. Continuously. Frequent night drops.
(c) **Fort Lee**	12 NM; 262° Hopewell	2,500 AGL	0.5 NM radius. Daily.
(c) **Fort Pickett Dove Drop Zone**	19 NM; 009° Lawrenceville	12,500 AGL	Drop Zone 1500 yards by 1000 yards. Daily.
(c) **Louisa Co/Freeman Fld**	8.6 NM; 097° Gordonsville	15,000	3 NM radius. 0800–dusk.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC	MAXIMUM ALTITUDE	REMARKS
Moneta, Smith Mountain Lake Arpt	19.2 NM; 246° Lynchburg	13,500	3 NM radius. SR–SS Fri, Sat, Sun, and holidays.
(c) **Norfolk Intl Arpt**	8.5 NM; 085° Norfolk	13,000	Mon–Fri during daylgt hrs.
Oceana NAS	1.0 NM; 228° Oceana	12,500	Sat and Sun 0800–1200
(c) **Orange Co Arpt**	14.9 NM; 026° Gordonsville	15,000	3 NM radius. Daily SR–SS, frequently ngt ops.
(c) **Quantico**	11.5 NM; 349° Brooke	10,000	1 NM radius unscheduled weekends.
(c) **Somerville, Hartwood Arpt**	15 NM; 137° Casanova	13,000	2 NM radius. Weekends, holidays, occasionally other weekdays summer months.
(c) **Suffolk Executive Arpt**	20 NM; 104° Franklin	13,500	5 NM radius. SR-SS daily.
Warrenton, Flying Circus Aerodrome	8.5 NM; 132° Casanova	7,000	Sat/Sun, June 7–Oct 25, 1000–1959.
Waynesboro, Eagle's Nest Arpt	13 NM; 042° Montebello	10,000	1300-SS daily.
(c) **West Point, Middle Peninsula Rgnl**	4.4 NM; 340° Harcum	14,000	SR-SS weekends and holidays.
WEST VIRGINIA			
(c) **Arthurdale, Titus Field**	5 NM; 175° Morgantown	15,000 AGL	1 NM radius. Daily 0900-2100.
Buckhannon-Upshur Co	9 NM; 300° Elkins	15,000	1 NM radius. Weekdays and holidays
Huntington, Leann Drop Zone	15 NM; 230° Henderson	10,000 AGL	0.3 NM radius. Weekends.
Huntington, Debra Drop Zone	5 NM; 120° Henderson	10,000 AGL	0.5 NM radius. Weekends.
Morgantown, Bacon Drop Zone	5 NM; 150° Morgantown	10,000 AGL	0.5 NM radius. Weekends.
Morgantown, Cider Drop Zone	17 NM; 180° Morgantown	12,500 AGL	0.3 NM radius. Weekends.
Morgantown, Dawson AAF	12 NM; 126° Morgantown	10,000 AGL	0.3 NM radius. Weekends.
Morgantown, Doubt Drop Zone	12 NM; 140° Morgantown	12,500 AGL	1 NM radius. Weekends.
Morgantown, Float Drop Zone	13 NM; 110° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Guide Drop Zone	13 NM; 080° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Melon Drop Zone	13 NM; 097° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Piker Drop Zone	20 NM; 135° Morgantown	12,500 AGL	0.3 NM radius. Weekends.
Ravenswood, Jackson Co Arpt	41 NM; 215°Parkersburg	12,500 AGL	1000-SS Weekends.
Ripley, Evans Drop Zone	12 NM; 070°Henderson	12,000	1 NM radius. 0800-SS local, weekends.
Summersville Arpt	15 NM; 352° Rainelle	14,500	5 NM radius daily SR–SS.
Westover, Blue Horizon Drive-In	13 NM; 320° Morgantown	12,500	Weekends and holidays SR-SS.

The purpose of this bulletin is to provide major changes in aeronautical information that have occurred since the last publication date of each Sectional Aeronautical, VFR Terminal Area, and Helicopter Route Charts listed. The general policy is to include only those changes to controlled airspace and special use airspace that present a hazardous condition or impose a restriction on the pilot, and major changes to airports and radio navigational facilities, thereby providing the VFR pilot with the essential data necessary to update and maintain chart currency. The data is grouped by type and then by effective date. When a new edition of the Aeronautical Chart is published, the corrective tabulation will be removed from this bulletin. Inasmuch as this Bulletin provides major changes only, pilots should consult the airport listing in this directory for all new information. Users of U.S. World Aeronautical Charts (WAC) and U.S. Gulf Coast VFR Aeronautical Charts should consult the appropriate Sectional and VFR Terminal Area Charts for revisions.

Military Training Routes (MTRs) are shown on Sectional Aeronautical Charts, VFR Terminal Area, and Helicopter Route Charts. Only the route centerline, direction of flight and the route designator are shown — route widths and altitudes are not shown. Since these routes are subject to change every 56 days and the charts are reissued generally every 6 months, routes with a change in the alignment of the charted route centerline will be listed in this Aeronautical Chart Bulletin below. You are advised to contact the nearest FSS for route dimensions and current status for those routes affecting your flight.

BALTIMORE-WASHINGTON HELICOPTER ROUTE CHART
8th Edition, 30 Jul 2009

OBSTRUCTIONS
27 Aug 2009 – 8 Apr 2010 No Major Changes.

AIRPORTS
27 Aug 2009 No Major Changes.
22 Oct 2009 Change CTAF 122.9 to 123.025 at PIER 7 heliport. 39°16′20″N, 76°34′18″W.
Delete BOLLING AFB heliport, 38°50′34″N, 77°00′58″W.
17 Dec 2009 – 11 Feb 2010 No Major Changes.
8 Apr 2010 Change WASHINGTON DULLES INTL ATCT freq from 128.425 to 134.425, 38°56′40″N, 77°27′21″W.

NAVAIDs
27 Aug 2009 – 8 Apr 2010 No Major Changes.

AIRSPACE
27 Aug 2009 – 8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
27 Aug 2009 – 8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
27 Aug 2009 – 8 Apr 2010 No Major Changes.

MISCELLANEOUS
27 Aug 2009 – 17 Dec 2009 No Major Changes.
11 Feb 2010 Revise HAYMARKET reporting point, 38°49.00′N, 77°38.27′W.
8 Apr 2010 No Major Changes.

BALTIMORE-WASHINGTON TERMINAL AREA CHART
80th Edition, 11 Feb 2010

OBSTRUCTIONS
11 Feb 2010 – 8 Apr 2010 No Major Changes.

AIRPORTS
11 Feb 2010 No Major Changes.
8 Apr 2010 Change WASHINGTON DULLES INTL ATCT freq from 128.425 to 134.425, 38°56′40″N, 77°27′21″W.

NAVAIDs
11 Feb 2010 – 8 Apr 2010 No Major Changes.

AIRSPACE
11 Feb 2010 – 8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
11 Feb 2010 – 8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
11 Feb 2010 – 8 Apr 2010 No Major Changes.

MISCELLANEOUS
11 Feb 2010 – 8 Apr 2010 No Major Changes.

BOSTON HELICOPTER ROUTE CHART
6th Edition, 20 Dec 2007

OBSTRUCTIONS
20 Dec 2007 – 8 Apr 2010 No Major Changes.

AIRPORTS
20 Dec 2007 – 10 Apr 2008 No Major Changes.
5 Jun 2008 Revise AMES HELIPORT position to, 42°37′53″N, 70°51′54″W.
31 Jul 2008 – 2 Jul 2009 No Major Changes.
27 Aug 2009 Revise MASS GENERAL heliport position to, 42°21′49″N, 71°04′08″W.
22 Oct 2009 – 8 Apr 2010 No Major Changes.

NAVAIDs
20 Dec 2007 – 8 Apr 2010 No Major Changes.

AIRSPACE
20 Dec 2007 – 8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
20 Dec 2007 – 8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
20 Dec 2007 – 8 Apr 2010 No Major Changes.

MISCELLANEOUS
20 Dec 2007 – 8 Apr 2010 No Major Changes.

BOSTON TERMINAL AREA CHART
75th Edition, 19 Nov 2009

OBSTRUCTIONS
17 Dec 2009 Add obst 249′ MSL (208′ AGL)UC, 42°22′51″N, 71°09′17″W.
11 Feb 2010 Add obst 707′MSL (675′AGL)UC, 41°42′58″N, 71°11′25″W.
8 Apr 2010 Add obst 780′MSL (770′AGL)UC, 42°21′30″N, 71°03′02″W.

AIRPORTS
17 DEC 2009 – 11 Feb 2010 No Major Changes.
8 Apr 2010 TIVERTON spb, 41°38′53″N, 71°09′14″W.

NAVAIDs
17 DEC 2009 – 8 Apr 2010 No Major Changes.

AIRSPACE
17 DEC 2009 No Major Changes.
11 Feb 2010 Add NANTUCKET, MA Class E That airspace extending upward from the surface of the Earth within 1.5 mile either side of the 045° bearing from the Nantucket Memorial Airport extending from the 4.2 mile radius to 12.6 miles Northeast of the airport. This Class E Surface airspace area is effective during the specific dates and times established in advance by a Notice to Airmen. The effective dates and times will thereafter be continuously published in the Airport/Facility Directory.
Revise ATLANTIC LOW OFFSHORE AIRSPACE AREA That airspace extending upward from 5500 feet MSL bounded on the east by the Moncton FIR and the New York Oceanic CTA/FIR, on the south by lat. 34°00′00″N., on the west and north by a line 12 miles from and parallel to the U.S. shoreline, excluding Federal airways and the East Coast Low offshore airspace area; and that airspace extending upward from 1700 feet MSL within the portion of the Atlantic Low offshore airspace area that lies between a line drawn 12 miles from and parallel to the U.S. shoreline and a line drawn 20 miles from and parallel to the U.S. shoreline.
8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
17 DEC 2009 – 8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
17 DEC 2009 – 8 Apr 2010 No Major Changes.

MISCELLANEOUS
17 DEC 2009 – 8 Apr 2010 No Major Changes.

CF-18 WORLD AERONAUTICAL CHART
39th Edition 22 Oct 2009

OBSTRUCTIONS
22 Oct 2009 – 17 Dec 2009 No Major Changes.
11 Feb 2010 Change obst from 1140′MSL(520′AGL) to 1579′MSL(679′AGL),42°48′02″N,89°03′16″W.
Add Obst 1131′MSL(500′AGL),41°31′49″N, 87°12′52″W.
Add Obst 1820′MSL(500′AGL),40°44′50″N,82°18′54″W.
Add Obst 1682′MSL(500′AGL),40°26′48″N,79°45′26″W.
8 Apr 2010 No Major Changes.

AIRPORTS
22 Oct 2009 –8 Apr 2010 No Major Changes

NAVAIDS
22 Oct 2009 – 8 Apr 2010 No Major Changes.

AIRSPACE
22 Oct 2009 – 8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
22 Oct 2009 – 8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
22 Oct 2009 – 8 Apr 2010 No Major Changes.

MISCELLANEOUS
22 Oct 2009 – 8 Apr 2010 No Major Changes.

CG-21 WORLD AERONAUTICAL CHART
40th Edition, 24 Sep 2009

OBSTRUCTIONS
22 Oct 2009 Add obst 1348′MSL (600′AGL), 34°15′06″N, 84°59′12″W.
Change obst from 312′MSL to 1312′MSL, 33°35′33″N, 083°58′31″W.
17 Dec 2009 – 8 Apr 2010 No Major Changes.

AIRPORTS
22 Oct 2009 Change elevation from 191′ to 1911′ at Blairsville arpt, 34°51′16″N, 083°59′50″W.
Change runway orientation to 01/19 at Halifax-Northhampton Co Rgnl arpt, 36°19′47″N, 077°38′07″W.
17 Dec 2009 – 8 Apr 2010 No Major Changes.

NAVAIDs
22 Oct 2009 – 8 Apr 2010 No Major Changes.

AIRSPACE
22 Oct 2009 – 8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
22 Oct 2009 – 8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
22 Oct 2009 – 8 Apr 2010 No Major Changes.

MISCELLANEOUS
22 Oct 2009 – 8 Apr 2010 No Major Changes.

CINCINNATI SECTIONAL
83rd Edition, 17 Dec 2009

OBSTRUCTIONS
17 Dec 2009 No Major Changes.
11 Feb 2010 Add obst 1129′MSL (300′AGL)UC, 38°29′49″N, 82°51′18″W.
Add obst 1276′MSL (300′AGL)UC, 38°24′01″N, 83°09′38″W.
Add obst 1097′MSL (275′AGL)UC, 39°03′46″N, 84°59′04″W.
Add obst 1522′MSL (258′AGL)UC, 39°39′44″N, 80°04′00″W.
Add obst 1580′MSL (289′AGL)UC, 39°43′33″N, 80°12′37″W.
Add obst 2642′MSL (304′AGL)UC, 38°24′24″N, 80°47′10″W.
Add windmill farm. 4411′MSL UC, 38°05′27″N, 80°25′48″W.
8 Apr 2010 Add obst 1566′MSL (204′AGL)UC, 37°39′55″N, 83°57′21″W.
Add obst 1142′MSL (295′AGL)UC, 38°45′58″N, 84°53′45″W.
Add obst 1385′MSL (279′AGL)UC, 36°10′15″N, 84°02′17″W.
Add obst 1578′MSL (235′AGL)UC, 36°52′32″N, 84°12′59″W.
Add obst 1409′MSL (255′AGL)UC, 36°46′20″N, 84°45′59″W.
Add obst 1170′MSL (280′AGL)UC, 38°15′12″N, 84°37′40″W.
Add obst 1199′MSL (299′AGL)UC, 38°16′32″N, 84°57′02″W.
Add obst 1734′MSL (314′AGL)UC, 37°09′53″N, 83°23′10″W.
Add obst 1477′MSL (255′AGL)UC, 36°55′42″N, 84°14′33″W.
Add obst 786′MSL (310′AGL)UC, 36°14′41″N, 78°19′50″W.
Add obst 2210′MSL (260′AGL)UC, 36°23′13″N, 84°20′11″W.
Add obst 4716′MSL (389′AGL)UC, 38°04′46″N, 80°32′37″W.
Add obst 1695′MSL (315′AGL)UC, 37°10′09″N, 83°31′54″W.
Add obst 1792′MSL (306′AGL)UC, 37°36′25″N, 83°59′58″W.
Add obst 1138′MSL (300′AGL)UC, 38°20′21″N, 82°47′08″W.
Add obst 1280′MSL (258′AGL)UC, 38°51′21″N, 82°55′52″W.
Add obst 1008′MSL (216′AGL)UC, 39°20′01″N, 84°46′34″W.
Add obst 2610′MSL (415′AGL)UC, 38°49′04″N, 79°51′29″W.
Add obst 1612′MSL (311′AGL)UC, 38°09′58″N, 81°12′13″W.
Add obst 2509′MSL (315′AGL)UC, 39°02′16″N, 79°56′33″W.
Add obst 2434′MSL (315′AGL)UC, 39°00′23″N, 79°48′52″W.
Add obst 2422′MSL (289′AGL)UC, 39°18′45″N, 79°41′09″W.
Add obst 4726′MSL (389′AGL)UC, 38°03′56″N, 80°29′48″W.
Add obst 1917′MSL (290′AGL)UC, 39°24′46″N, 80°03′09″W.
Add obst 2314′MSL (260′AGL)UC, 37°46′35″N, 81°22′05″W.
Add obst 1872′MSL (408′AGL)UC, 37°41′43″N, 81°38′23″W.
Add obst 1433′MSL (340′AGL)UC, 38°18′44″N, 82°13′42″W.
Add obst 1798′MSL (360′AGL)UC, 39°29′40″N, 80°23′16″W.
Add obst 3352′MSL (315′AGL)UC, 38°21′38″N, 80°38′51″W.
Add obst 1772′MSL (315′AGL)UC, 39°35′16″N, 80°15′02″W.
Add obst 1318′MSL (300′AGL)UC, 38°13′32″N, 82°27′05″W.
Add obst 4248′MSL (320′AGL)UC, 37°46′25″N, 80°42′19″W.
Add obst 1498′MSL (289′AGL)UC, 39°42′45″N, 80°10′06″W.
Add obst 2189′MSL (289′AGL)UC, 39°19′20″N, 79°49′37″W.
Add obst 2905′MSL (360′AGL)UC, 38°09′10″N, 81°06′53″W.
Change windmill farm highest MSL from 4411′MSL to 4726′MSL (389′AGL)UC, 38°03′46″N, 80°30′08″W.

AIRPORTS
17 Dec 2009 No Major Changes.
11 Feb 2010 Delete KNORE arpt, 38°50′15″N, 82°50′05″W.
Delete ACTION arpt, 39°07′57″N, 84°49′43″W.
8 Apr 2010 No Major Changes.

NAVAIDs
17 Dec 2009 – 8 Apr 2010 No Major Changes.

AIRSPACE
17 Dec 2009 No Major Changes.
11 Feb 2010 Add MOUNTAIN CITY, TN Class E. That airspace extending upward from 700 feet above the surface within a 6.7 -mile radius of the Johnson County Airport and within 1.3 miles each side of the 065° bearing from the airport extending from the 6.7-mile radius to 10.9 miles northeast of the airport.
8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
17 Dec 2009 – 8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
17 Dec 2009 – 8 Apr 2010 No Major Changes.

MISCELLANEOUS
17 Dec 2009 – 11 Feb 2010 No Major Changes.
8 Apr 2010 Change MEF 4^{7} to 4^{9} in quadrant 38°00′-38°30′N, 80°30′-81°00′W.

DETROIT SECTIONAL
80th Edition, 8 Apr 2010

OBSTRUCTIONS
8 Apr 2010 No Major Changes.

AIRPORTS
8 Apr 2010 No Major Changes.

NAVAIDs
22 Oct 2009 – 11 Feb 2010 No Major Changes.

AIRSPACE
8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
8 Apr 2010 No Major Changes.

MISCELLANEOUS
8 Apr 2010 No Major Changes.

HALIFAX SECTIONAL
82nd Edition, 11 Mar 2010

OBSTRUCTIONS
8 Apr 2010 No Major Changes.

AIRPORTS
8 Apr 2010 No Major Changes.

NAVAIDs
8 Apr 2010 No Major Changes.

AIRSPACE
8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
8 Apr 2010 No Major Changes.

MISCELLANEOUS
8 Apr 2010 No Major Changes.

MONTREAL SECTIONAL
82nd Edition, 11 Mar 2010

OBSTRUCTIONS
8 Apr 2010 No Major Changes.

AIRPORTS
8 Apr 2010 No Major Changes.

NAVAIDs
8 Apr 2010 No Major Changes.

AIRSPACE
8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
8 Apr 2010 No Major Changes.

MISCELLANEOUS
8 Apr 2010 No Major Changes.

NEW YORK HELICOPTER ROUTE CHART
8th Edition, 19 Nov 2008

OBSTRUCTIONS
17 Dec 2009 – 8 Apr 2010 No Major Changes.

AIRPORTS
17 Dec 2009 Delete EAST heliport, 40°54′48″N, 73°09′20″W.
11 Feb 2010 Change CTAF 123.05 to 123.075 at DOWNTOWN MANHATTAN/WALL ST HELIPORT, 40°42′04″N, 74°00′33″W.
8 Apr 2010 No Major Changes.

NAVAIDs
17 Dec 2009 –8 Apr 2010 No Major Changes.

AIRSPACE
17 Dec 2009 – 8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
17 Dec 2009 – 8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
17 Dec 2009 – 8 Apr 2010 No Major Changes.

MISCELLANEOUS
17 Dec 2009 – 8 Apr 2010 No Major Changes.

NEW YORK SECTIONAL
80th Edition, 19 Nov 2009

OBSTRUCTIONS
17 Dec 2009 Add obst 1853′MSL (249′AGL), 42°49′50″N, 075°30′45″W.
Add obst 841′MSL (225′AGL)UC, 40°40′27″N, 075°34′35″W.
Add obst 1421′MSL (256′AGL)UC, 41°23′06″N, 075°53′26″W.
11 Feb 2010 Add windmill farm. 2778′UC is highest MSL, 41°45′36″N, 076°51′19″W.
Add obst 2060′MSL (217′AGL)UC, 42°03′43″N, 75°34′12″W.
Add obst 1314′MSL (257′AGL)UC, 40°59′06″N, 75°23′38″W.
Add obst 707′MSL (675′AGL)UC, 41°42′58″N, 71°11′25″W.
Add obst 2989′MSL (389′AGL)UC, 42°34′56″N, 73°16′27″W.
8 Apr 2010 Add obst 780′MSL (770′AGL)UC, 42°21′30″N, 71°03′02″W.
Add windmill farm. 2781′UC is highest MSL, 41°45′51″N, 76°50′21″W.
Add obst 2630′MSL (263′AGL)UC, 41°45′53″N, 76°54′48″W.
Add obst 2588′MSL (263′AGL)UC, 41°44′20″N, 76°57′12″W.
Add obst 2510′MSL (263′AGL)UC, 41°44′08″N, 76°59′04″W.
Add obst 544′MSL (300′AGL)UC, 42°10′42″N, 72°45′06″W.
Add obst 313′MSL (202′AGL)UC, 41°57′54″N, 71°11′36″W.

AIRPORTS
17 Dec 2009 No Major Changes.
11 Feb 2010 Delete MILLARD arpt, 40°19′02″N, 76°32′11″W.
Change AWOS-3 199.42 to 119.425 at HAMILTON arpt, 42°50′36″N, 75°33′43″W.
KUTZTOWN arpt abandoned, 40°30′12″N, 75°47′13″W.
BRUNSWICK NAS arpt closed, 43°53′33″N, 69°56′20″W.
8 Apr 2010 BRUNSWICK NAS arpt closed, 43°53′33″N, 69°56′20″W.
Delete F&F arpt, 42°27′00″N, 75°00′59″W.
TIVERTON spb, 41°38′53″N, 71°09′14″W.
Delete NEEB arpt, 40°52′50″N, 75°38′09″W.

NAVAIDs
17 Dec 2009 Shutdown WILLOW GROVE NDB, 40°11′21″N, 075°08′46″W.
Add N.PHILADELPHIA RCO freq 122.2 & 122.6, 40°04′55″N, 75°00′39″W.
11 Feb 2010 Shutdown LOMIS NDB, 41°38′08″N, 72°37′32″W.
Shutdown WILLOW GROVE NDB, 40°11′21″N, 75°08′46″W.
8 Apr 2010 Delete WICASSET NDB, 43°58′57″N, 69°38′25″W.

AIRSPACE
17 Dec 2009 No Major Changes.
11 Feb 2010 Add NANTUCKET, MA Class E
That airspace extending upward from the surface of the Earth within 1.5 mile either side of the 045° bearing from the Nantucket Memorial Airport extending from the 4.2 mile radius to 12.6 miles Northeast of the airport. This Class E Surface airspace area is effective during the specific dates and times established in advance by a Notice to Airmen. The effective dates and times will thereafter be continuously published in the Airport/Facility Directory.
Revise ATLANTIC LOW OFFSHORE AIRSPACE AREA That airspace extending upward from 5500 feet MSL bounded on the east by the Moncton FIR and the New York Oceanic CTA/FIR, on the south by lat. 34°00′00″N., on the west and north by a line 12 miles from and parallel to the U.S. shoreline, excluding Federal airways and the East Coast Low offshore airspace area; and that airspace extending upward from 1700 feet MSL within the portion of the Atlantic Low offshore airspace area that lies between a line drawn 12 miles from and parallel to the U.S. shoreline and a line drawn 20 miles from and parallel to the U.S. shoreline.
8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
17 Dec 2009 – 8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
17 Dec 2009 – 8 Apr 2010 No Major Changes.

MISCELLANEOUS
17 Dec 2009 No Major Changes.
11 Feb 2010 Change MEF 2^{8} to 2^{9} in quadrant 41°30′ - 42°00′N, 76°30′ - 77°00′W.
8 Apr 2010 No Major Changes.

NEW YORK TERMINAL AREA CHART
78th Edition, 19 Nov 2009

OBSTRUCTIONS
17 Dec 2009 – 8 Apr 2010 No Major Changes.

AIRPORTS
17 Dec 2009 – 8 Apr 2010 No Major Changes.

NAVAIDs
17 Dec 2009 – 8 Apr 2010 No Major Changes.

AIRSPACE
17 Dec 2009 – 8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
17 Dec 2009 – 8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
17 Dec 2009 – 8 Apr 2010 No Major Changes.

MISCELLANEOUS
17 Dec 2009 – 8 Apr 2010 No Major Changes.

PHILADELPHIA TERMINAL AREA CHART
71st Edition, 11 Feb 2010

OBSTRUCTIONS
11 Feb 2010 – 8 Apr 2010 No Major Changes.

AIRPORTS
11 Feb 2010 – 8 Apr 2010 No Major Changes.

NAVAIDs
11 Feb 2010 – 8 Apr 2010 No Major Changes.

AIRSPACE
11 Feb 2010 – 8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
11 Feb 2010 – 8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
11 Feb 2010 – 8 Apr 2010 No Major Changes.

MISCELLANEOUS
11 Feb 2010 – 8 Apr 2010 No Major Changes.

PITTSBURGH TERMINAL AREA CHART
73rd Edition, 8 Apr 2010

OBSTRUCTIONS
8 Apr 2010 No Major Changes.

AIRPORTS
8 Apr 2010 No Major Changes.

NAVAIDs
8 Apr 2010 No Major Changes.

AIRSPACE
8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
8 Apr 2010 No Major Changes.

MISCELLANEOUS
8 Apr 2010 No Major Changes.

WASHINGTON SECTIONAL
87th Edition, 11 Feb 2010

OBSTRUCTIONS
11 Feb 2010 No Major Changes.
8 Apr 2010 Add obst 371′MSL (310′ AGL), 36°15′27″N, 77°30′00″W.

AIRPORTS
11 Feb 2010 No Major Changes.
8 Apr 2010 HALIFAX COUNTY arpt closed, 36°26′22″N, 77°42′33″W.
Add CTAF 126.2 at A P HILL (FORT A P HILL) arpt, 38°04′07″N, 77°19′06″W.
Change WASHINGTON DULLES INTL ATCT freq from 128.425 to 134.425, 38°56′40″N, 77°27′21″W.

NAVAIDs
11 Feb 2010 – 8 Apr 2010 No Major Changes.

AIRSPACE
11 Feb 2010 – 8 Apr 2010 No Major Changes.

SPECIAL USE AIRSPACE
11 Feb 2010 – 8 Apr 2010 No Major Changes.

MILITARY TRAINING ROUTES
11 Feb 2010 – 8 Apr 2010 No Major Changes.

MISCELLANEOUS
11 Feb 2010 – 8 Apr 2010 No Major Changes.

SUPPLEMENTAL COMMUNICATION REFERENCE

Contained within this tabulation, and listed alphabetically by airport name, are all private–use airports charted on the U.S. IFR Enroute Low and High Altitude charts in the United States, having terminal approach and departure control facilities. Additionally, listed by country, are all Canadian and Mexican airports that appear on the U.S. IFR Enroute charts with approach and departure control services. All frequencies transmit and receive unless otherwise noted. Radials defining sectors are outbound from the facility.

UNITED STATES

FACILITY NAME	CHART & PANEL
Frankfort, IL (LL4Ø)	L–28H
Chicago App/Dep Con 133.1 285.6	
Glasgow Industrial, MT (Ø7MT)	H–1E, 2F, L–13D
Salt Lake Center App/Dep Con 126.85 305.2	
USAF Academy Bullseye Aux Airstrip, CO (CO9Ø)	L–10F
ASOS 118.325	
West Kentucky Airpark, KY (5KY3)	L–16I
Memphis Center App/Dep Con 133.65 292.15	
William P Gwinn, FL (Ø6FA)	H–8I, L–23C
Gwinn Tower 120.4 279.25 (Mon–Fri 1300–2100Z‡)	
Gnd Con 121.65 279.25	

CANADA

FACILITY NAME	CHART & PANEL
Abbotsford, BC (CYXX)	H–1B, L–12F
ATIS 119.8 (1500–0700Z‡)	
Victoria Trml App/Dep Con 132.7 (Avbl on ground) 290.8	
Tower 119.4 (Inner) 121.0 (Outer) 295.0 (1500–0700Z‡) Gnd Con 121.8	
MF 119.4 295.0 (0700–1500Z‡) (Shape irregular to 4500′)	
Amos/Magny, QC (CYEY)	H–11B
Montreal Center App/Dep Con 125.9	
Atikokan Muni, ON (CYIB)	L–14I
MF 122.3 (5 NM to 4500′ No ground station)	
Barrie–Orillia (Lake Simcoe Rgnl), ON (CYLS)	H–11B, L–31D
AWOS 122.55 (Pvt)	
Toronto Center App/Dep Con 124.025	
Bar River, ON (CPF2)	L–31C
Toronto Center App/Dep Con 132.65	
Bathurst, NB (CZBF)	L–32J
Moncton Center App/Dep Con 134.25	
Boundary Bay, BC (CZBB)	H–1B, L–1E
ATIS 125.5 (1500–0700Z‡)	
Vancouver App/Dep Con 132.3 363.8	
Tower 118.1 (Inner) 127.6 (Outer) (1500–0700Z‡) Gnd Con 124.3	
MF 118.1 (0700–1500Z‡ to 2000′. Vancouver Trml 125.2 above 2000′. Shape irregular to 2500′.)	
Brampton, ON (CNC3)	L–31D
Toronto Trml App/Dep Con 119.3 253.1	
Brandon Muni, MB (CYBR)	H–2H
Winnipeg Center App/Dep Con 132.25 285.4	
MF 122.1 (5 NM to 4000′)	
Brantford, ON (CYFD)	L–31D
Toronto Trml App/Dep Con 128.27	
Brockville–Thousand Islands Rgnl Tackaberry, ON (CNL3)	L–32G
Montreal Center App/Dep Con 134.675	
Bromont, QC (CZBM)	L–32G
Montreal Center App/Dep Con 132.35 MF 122.15 (5 NM to 3400′)	
Burlington Airpark, ON (CZBA)	L–31D
Toronto Center App/Dep Con 119.3 253.1	
Castlegar/West Kootenay Rgnl, BC (CYCG)	H–1C
Vancouver Center App/Dep Con 134.2 227.3	
MF 122.1 (5 NM to 6500′)	
Centralia/James T. Fld Muni, ON (CYCE)	H–10G, 11B, L–31D
Toronto Center App/Dep Con 135.30	
Charlottetown, PE (CYYG)	H–11E, L–32J
Moncton Center App/Dep Con 135.65 384.8 MF 118.0 (5 NM to 3200′)	
Chatham–Kent, ON (CNZ3)	H–10G, L–30G
Cleveland Center App/Dep Con 132.25	

FACILITY NAME	CHART & PANEL
Collingwood, ON (CNY3)	H–11B, L–31D
Toronto Center App/Dep Con 124.02	
Cornwall Rgnl, ON (CYCC)	L–32G
Boston Center App/Dep Con 135.25 377.1	
Cranbrook/Canadian Rockies Intl, BC (CYXC)	H–1C
Vancouver Center App/Dep Con 133.6 MF 122.3 (5 NM to 6100′)	
Debert, NS (CCQ3)	H–11E, L–32J
Halifax Trml App/Dep Con 119.2	
Digby, NS (CYID)	L–32J
Moncton Center App/Dep Con 123.9	
Downsview, ON (CYZD)	H–11B, L–31E
Toronto Center App Con 133.4	
Toronto Center Dep Con 133.4	
MF 126.2 (1300–2300Z‡, 3 NM to 1700′)	
Drummondville, QC (CSC3)	L–32H
Montreal Center App/Dep Con 132.35	
Earlton (Timiskaming Rgnl), ON (CYXR)	H–11B
MF 122.0 (5 NM to 3800′)	
AWOS 128.6	
Elliot Lake Muni, ON (CYEL)	L–31C
Toronto Center App/Dep Con 135.4	
Fort Frances Muni, ON (CYAG)	L–14H
Minneapolis Center App/Dep Con 120.9	
Fredericton Intl, NB (CYFC)	H–11E, L–32I
ATIS 127.55	
Moncton Center App/Dep Con 124.3 135.5 270.8	
Tower 119.0 (1200–2000Z‡) Gnd Con 121.7 (Ltd hrs)	
MF 119.0 (2000–1200Z‡, 5 NM to 3500′)	
Goderich, ON (CYGD)	H–11B, L–31D
Toronto Center App/Dep 135.3 266.3	
Greenwood, NS (CYZX)	H–11E, L–32J
ATIS 128.85 244.3 (1100–0000Z‡)	
App/Dep Con 120.6 335.9 Tower 119.5 126.2 236.6 324.3	
Gnd Con 133.75 289.4 Clnc Del 128.05 283.9	
Grimsby Air Park, ON (CNZ8)	L–31E
Toronto Trml App/Dep Con 128.27 268.75 Tower 125.0 308.475	
Halifax/Shearwater, NS (CYAW)	H–11E, L–32J
ATIS 129.175 (Ltd hrs)	
App/Dep Con 119.2 Tower 119.0 126.2 340.2 360.2 (Ltd hrs)	
Gnd Con 121.7 250.1	
Halifax/Stanfield Intl, NS (CYHZ)	H–11E, L–32J
ATIS 121.0	
Moncton Center App/Dep Con 118.7 119.2 128.55 135.3 225.2 363.8	
Tower 118.4 236.6 Gnd Con 121.9 275.8 Clnc Del 123.95	
Apron Advisory 122.125	
Hamilton, ON (CYHM)	H–10H, 11B, L–11B
ATIS 128.1	
Toronto Trml App/Dep Con 128.27 268.75 Tower 119.7 125.0	
Gnd Con 121.6	
Kingston, ON (CYGK)	H–11C, L–31E, 32F
Montreal Center App/Dep Con 135.05 398.4 (0400–1115Z‡)	
MF 122.5 (1115–0400Z‡ 5 NM to 3300′)	
Kitchener/Waterloo, ON (CYKF)	H–11B, L–31D
ATIS 125.1 (1200–0400Z‡)	
Toronto Trml App/Dep Con 128.275	
Waterloo Tower 126.0 118.55 (1200–0400Z‡) Gnd Con 121.8	
MF 126.0 (0400–1200Z‡ 5 NM to 4000′)	
Lachute, QC (CSE4)	L–32G
Montreal Center App Con 124.65 132.85 268.3	
Montreal Center Dep Con 132.85 268.3	
La Tuque, QC (CYLQ)	H–11C
Montreal Center App/Dep Con 134.5	
Langley, BC (CYNJ)	L–1E
ATIS 124.5 (1630–0230Z, DT 1530–0330Z)	
Victoria Trml 132.7 290.8 Tower 119.0 (1630–0230Z, DT 1530–0330Z)	
Gnd Con 121.9 MF 119.0 (0230–1630Z, DT 0330–1530Z 3 NM to 1900′)	

FACILITY NAME	CHART & PANEL
Leamington, ON (CLM2) Cleveland Center App/Dep Con 132.45	L–30F
Lethbridge, AB (CYQL) ATIS 124.4 (1300–0545Z‡) Edmonton Center App/Dep Con 132.75 265.2 MF 121.0 (5 NM to 6000′)	H–1D
Lindsay, ON (CNF4) Toronto Center App/Dep 134.25	L–31E, L–32F
Liverpool/South Shore Rgnl, NS (CYAU) Moncton Center App/Dep Con 123.9	L–32J
London, ON (CYXU) ATIS 127.8 (1120–0345Z‡) Toronto Center App/Dep 135.3 135.625 Tower 119.4 125.65 (1120–0345Z‡) Gnd Con 121.9 MF 119.4 (0345–1120Z‡ 5 NM to 3000′)	H–10G, 11B, L–30G, 31D
Manitowaning/Manitoulin East Muni, ON (CYEM) Toronto Center App/Dep 135.4 260.9	L–31C
Maniwaki, QC (CYMW) Montreal Center App/Dep Con 126.57	L–32G
Mascouche, QC (CSK3) MF 122.35 (5 NM to 2500′. No gnd station. Excluding the portion S of the N shore of Riviere des Milles–Iles and 1 NM around Lac Agile Mascouche arpt.)	L–32G
Medicine Hat, AB (CYXH) AWOS 124.875 (0345–1245Z‡) MF 122.2 (1245–0345Z‡ 5 NM to 5400′)	H–1D
Midland/Huronia, ON (CYEE) Toronto Center App/Dep 124.025	L–31D
Miramichi, NB (CYCH) Moncton Center App/Dep Con 123.7	H–11E, L–32J
Moncton/Greater Moncton Intl, NB (CYQM) ATIS 128.65 App/Dep 124.4 Tower 120.8 236.6 Gnd Con 121.8 275.8 Apron Advisory 122.075	H–11E, L–32J
Mont–Laurier, QC (CSD4) Montreal Center App/Dep Con 126.57	L–32G
Montreal Intl (Mirabel), QC (CYMX) ATIS 125.7 Montreal Center App Con 124.65 132.85 268.3 Montreal Dep Con 132.85 MF 119.1 (7 NM shape irregular to 2000′) VFR Advisory 134.15	H–11C, 12K, L–32G
Montreal/Pierre Elliott Trudeau Intl, QC (CYUL) ATIS 133.7 Montreal Trml App Con 118.9 124.65 126.9 132.85 268.3 Tower 119.9 267.1 Gnd Con 121.9 275.8 Clnc Del 125.6 Apron 122.075 Montreal Trml Dep Con 118.9 (SE–S–SW) 124.65 268.3 (W–NW–NE) VFR Advisory 134.15	H–11C, 12K, L–32G
Montreal/St–Hubert, QC (CYHU) ATIS 124.9 (Apr–Oct 1045–0500Z‡, Nov–Mar 1045–0400Z) AWOS 124.9 Montreal Center App/Dep Con 125.15 268.3 St. Hubert Tower 118.4 (Apr–Oct 1045–0500Z‡, Nov–Mar 1045–0400Z) Gnd Con 126.4 MF 118.4 (Apr–Oct 0500–1045Z‡, Nov–Mar 0400–1045Z 5 NM shape irregular to 2500′) VFR Advisory 134.15	H–11C, L–32G
Muskoka, ON (CYQA) AWOS 124.575 MF 122.3 (5 NM to 3900′)	H–11B, L–31D
Nanaimo, BC (CYCD) Victoria Trml App/Dep 120.8 133.95 252.3 MF 122.1 1330–0530Z‡ (5 NM to 2500′)	H–1B, L–1E
North Bay, ON (CYYB) ATIS 124.9 (1130–0300Z‡) Toronto Center App/Dep 121.225 127.25 MF 118.3 (1130–0330Z‡ 7 NM to 5000′)	H–11B, L31D
Oshawa, ON (CYOO) ATIS 125.675 (1130–0330Z‡) Toronto Trml App Con 133.4 Tower 120.1 (1130–0330Z‡) Gnd Con 118.4 Toronto Trml Dep Con 133.4 MF 120.1 (0330–1130Z‡ 5 NM to 3000′)	L–31E

FACILITY NAME	CHART & PANEL
Ottawa/Carp, ON (CYRP) ATIS 121.15 Ottawa Trml App/Dep Con 128.175 252.5	L–31E, 32F
Ottawa/Gatineau, QC (CYND) Ottawa Trml App/Dep Con 127.7 128.175 252.5 MF 122.3 (5 NM shape irregular to 2500′) VFR Advisory Ottawa Trml 127.7	H–11C, L–32G
Ottawa/MacDonald–Cartier Intl, ON (CYOW) ATIS 121.15 Ottawa App Con 135.15 Tower 118.8 120.1 341.3 Gnd Con 121.9 Clnc Del 119.4 Ottawa Dep Con 128.175	L–11C
Owen Sound/Billy Bishop Rgnl, ON (CYOS) Toronto Center App/Dep 132.575 290.6	L–31D
Pelee Island, ON (CYPT) Cleveland Center App/Dep Con 126.35 360.0	L–30F
Pembroke, ON (CYTA) Montreal Center App/Dep Con 135.2 Petawawa Advisory 126.4 250.1 (Mon–Fri 1300–2130Z‡, OT PPR)	H–11C, L–31E, 32F
Penticton, BC (CYYF) Vancouver Center App/Dep Con 133.5 351.3 MF 118.5 (5 NM to 4100′)	H–1B
Peterborough, ON (CYPQ) AWOS 126.925 Toronto Center App/Dep 134.25	H–11B, L–31E, 32F
Pincher Creek, AB (CZPC) Edmonton Center App/Dep Con 132.75 265.2	H–1D
Pitt Meadows, BC (CYPK) ATIS 125.0 (1500–0700Z‡) Vancouver Center App Con 128.6 352.7 (Outer) Pitt Tower 126.3 (1500–0700Z‡) Gnd Con 123.8 Vancouver Center Dep Con 132.3 363.8 (South) MF 126.3 (0700–1500Z‡) (3NM to 2500′)	L–1E
Quebec/Jean Lesage Intl, QC (CYQB) ATIS 134.6 Montreal Center App/Dep Con 124.0 127.85 135.025 270.9 322.8 Tower 118.65 236.6 Gnd Con 121.9 250.0	H–11D, L–32H
Riviere Du Loup, QC (CYRI) AWOS 122.025 (Pvt) Montreal Center App/Dep Con 125.1 299.6	H–11D
Rouyn Noranda, QC (CYUY) Montreal Center App/Dep Con 125.9 MF 122.2 (5 NM to 4000′)	H–11B
Saint John, NB (CYSJ) Moncton Center App/Dep Con 124.3 135.5 270.8 MF 118.5 (5 NM to 3400′)	H–11E, L–32J
Sarnia (Chris Hadfield), ON (CYZR) Toronto Center 134.375	H–10G, 11B, L–30F
Sault Ste Marie, ON (CYAM) ATIS 133.05 (1300–0100Z‡) Toronto Center App/Dep Con 132.65 344.5 Tower 118.8 (1300–0100Z‡) Gnd Con 121.7 MF 118.8 (0100–1300Z‡ 5 NM irregular shape to 3000′)	H–2K, L–31B
Sherbrooke, QC (CYAM) AWOS 126.25 Montreal Center App/Dep Con 132.55 MF 123.5 (Ltd hrs 5 NM to 3800′)	H–11D, L–32H
South Renfrew Muni, ON (CNP3) Montreal Center App/Dep 124.275	L–31E, 32F
Southport, MB (CYPG) ATIS 120.85 (Mon–Fri 1400–2300Z‡ except holidays) Tower 126.2 384.2 (Mon–Fri 1400–2300Z‡ except holidays) Gnd Con 121.7 275.8	H–2H

FACILITY NAME	CHART & PANEL
Springwater Barrie Airpark, ON (CNA3)	L–31D
Toronto Center App/Dep Con 124.025	
St. Catherines/Niagara District, ON (CYSN)	H–10H, 11B, L–31E
ATIS 128.525 (1215–0200Z‡)	
Toronto Trml App/Dep Con 133.4 253.1	
MF 123.25 (1215–0200Z‡ 5 NM to 3300′)	
St. Frederic, QC (CSZ4)	L–32H
Montreal Center App/Dep Con 135.025 270.9	
St. Georges, QC (CYSG)	H–32H, L–11D
Montreal Center App/Dep Con 132.35	
MF 122.15 (5 NM 3900′ ASL)	
St. Jean, QC (CYJN)	L–32G
Montreal Center App/Dep Con 125.15 268.3	
Tower 118.2 (Apr–Oct 1230–0230Z‡ Nov–Mar 1300–0200Z‡)	
Gnd Con 121.7	
Sudbury, ON (CYSB)	H–31B, 10G, L–31D
ATIS 127.4	
Toronto Center App/Dep Con 135.5	
MF 125.5 (7 NM to 4000′)	
Summerside, PE (CYSU)	H–11E, L–32J
AWOS 122.55 (Pvt)	
Moncton Center App/Dep Con 124.4 384.8	
Thunder Bay, ON (CYQT)	H–2J, L–14J
ATIS 128.8 (1100–0400Z‡)	
Winnipeg Center App/Dep Con 132.125 (0400–1100Z‡)	
Tower 118.1 (1100–0400Z‡) Gnd Con 121.9	
App/Dep 119.2 MF 118.1 (0400–1100Z‡ 5 NM to 4000′)	
Timmins/Victor M. Power, ON (CYTS)	H–11B
ATIS 124.95 (1000–0500Z‡)	
Toronto Center App/Dep Con 128.3 MF 122.3 (5 NM to 4000′)	
Toronto/Buttonville Muni, ON (CYKZ)	L–31E
ATIS 127.1 (1200–0400Z‡)	
Toronto Center App Con 133.4 Toronto Center Dep Con 133.4	
Tower 124.8 119.9 (1200–0400Z‡) Gnd Con 121.8	
MF 124.8 (0400–1200Z‡ No gnd station. 5 NM shape irregular to below 2500′)	
Toronto/Billy Bishop Toronto City Airport, ON (CYTZ)	L–31E
ATIS 133.6 (1130–0400Z‡)	
App Con 133.4 Dep Con 133.4	
Tower 118.2 119.2 (1130–0400Z‡) Gnd Con 121.7	
Toronto/Lester B Pearson Intl, ON (CYYZ)	H–11B, L–31D
ATIS 120.825	
App Con 124.475 125.4 132.8 Dep Con 127.575 128.8	
Tower 118.35 118.7 Gnd Con 118.0 119.1 121.65 121.9	
Clnc Del 121.3 (1200–0400Z‡)	
Trenton, ON (CYTR)	H–11C, L–31E, 32F
ATIS 135.45 257.7	
App/Dep Con 128.4 324.3 Tower 128.7 236.6 Gnd Con 121.9 275.8	
Clnc Del 124.35 286.4	
Trenton/Mountain View, ON (CPZ3)	H–11C, L–31E, 32F
Trenton Mil Advisory 268.0	
Trois–Rivieres, QC (CYRQ)	H–11C, L–32H
Montreal Center App/Dep Con 128.225 229.2	
MF 123.0 (5 NM to 3200′)	

FACILITY NAME	CHART & PANEL
Val–D'or, QC (CYVO)	H–11B
Montreal Center App/Dep Con 125.9 308.3	
MF 118.5 (1030–0325Z‡ 5 NM to 4000′)	
Vancouver Intl, BC (CYVR)	H–1B, L–1E
ATIS 124.6 124.75	
App Con 128.6 128.17 352.7 (Outer) 133.1 134.225 352.7 (Inner)	
Dep Con 126.125 (north) 132.3 (south) 363.8	
Tower 118.7 (south) 119.55 (north) VFR 124.0 125.65 226.5 236.6	
Gnd Con 121.7 (south) 127.15 (north) 275.8 Clnc Del 121.4	
Victoria Intl, BC (CYYJ)	H–1B, L–1E
ATIS 118.8 (1400–0800Z‡)	
App Con 125.95 308.4 Dep Con 133.85 308.4	
Tower 119.1 (Outer) 119.7 (Inner) 239.6	
Gnd Con 121.9 361.4 (1400–0800Z‡ OT ctc Kamloops 119.7)	
Clnc Del 126.4 (1400–0800Z‡)	
Victoriaville, QC (CSR3)	L–32H
Montreal Center App Con 132.35	
Waterville/Kings Co Muni, NS (CCW3)	L–32J
Greenwood Trml App/Dep Con 120.6 335.9	
Greenwood Tower 119.5 324.3	
Wiarton, ON (CYVV)	H–11B, L–31D
Toronto Center App/Dep Con 132.575	
MF 122.2 (5 NM to 3700′)	
Windsor, ON (CYQG)	H–10G, L–8J
ATIS 134.5 (1130–0330Z‡)	
Detroit App/Dep Con 126.85 127.5 134.3 348.3 363.2	
Tower 124.7 (1130–0330Z‡) Gnd Con 121.7	
MF 124.7 (0330–1130Z‡ 6 NM irregular shape to below 3000′)	
VFR Advisory Detroit App Con 134.3	
Yarmouth, NS (CYQI)	H–11E, L–32I
Moncton Center App/Dep Con 123.9 368.5 MF 123.0 (5 NM to 3100′)	

MEXICO

FACILITY NAME	CHART & PANEL
Abraham Gonzalez Intl (MMCS)	H–4K, L–6F
Juarez App Con 119.9 Juarez Tower 118.9	
Del Norte Intl (MMAN)	H–7B, L–20G
ATIS 127.55 (1300–0300Z‡)	
Monterrey App 119.75 120.4 Tower 118.6	
Durango Intl (MMDO)	H–7A
ATIS 132.1	
Tower 118.1 Durango Info 122.3	
General Abelardo L Rodriguez Intl (MMTJ)	H–4H, L–4H
ATIS 127.9	
Tijuana App Con 119.5 120.3 Tijuana Tower 118.1 Clnc Del 122.35	
Tijuana Info 132.1	
General Lucio Blanco Intl (MMRX)	H–7B, L–20H
Reynosa App Con 118.8 Reynosa Tower 118.8	
General Mariano Escobedo Intl (MMMY)	H–7B, L–20G
ATIS 127.7	
Monterrey App Con 119.75 120.4 Monterrey Tower 118.1 Gnd Con 121.9	
General R Fierro Villalobos Intl (MMCU)	L–6I
ATIS 127.9	
Chihuahua App Con 121.0 Chihuahua Tower 118.4	
General Rodolfo Sanchez Taboada Intl (MMML)	H–4H, L–4J, 5A
ATIS 127.6	
Mexicali App Con 118.2 Mexicali Tower 118.2 Mexicali Info 123.9 122.3	
General Servando Canales (MMMA)	H–7C, L–21A
Matamoros App Con 118.0 Matamoros Tower 118.0	
Plan De Guadalupe Intl (MMIO)	H–7B
Saltillo App Con 127.4 Saltillo Tower 118.4	
Quetzalcoatl Intl (MMNL)	H–7B, L–20G
Nuevo Laredo App Con 118.3 Nuevo Laredo Tower 118.3	
Torreon Intl (MMTC)	H–7A
App Con 119.6 Tower 118.5	

INTENTIONALLY
LEFT
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In support of the Federal Aviation Administration's Runway Incursion Program, selected towered airport diagrams have been published in the Airport Diagram section of the A/FD. Diagrams will be listed alphabetically by associated city and airport name. Airport diagrams, depicting runway and taxiway configurations, will assist both VFR and IFR pilots in ground taxi operations. The airport diagrams in this publication are the same as those published in the U.S. Terminal Procedures Publications. For additional airport diagram legend information see the U.S. Terminal Procedures Publication.

NOTE: Some text data published under the individual airport in the front portion of the A/FD may be more current than the data published on the Airport Diagrams. The airport diagrams are updated only when significant changes occur.

GENERAL INFORMATION

PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

Available pilot controlled lighting (PCL) systems are indicated as follows:

1. Approach lighting systems that bear a system identification are symbolized using negative symbology, e.g., (A1), (V), (✿)
2. Approach lighting systems that do not bear a system identification are indicated with a negative "(L)" beside the name.

A star (★) indicates non-standard PCL, consult the individual airport in the front portion of the A/FD, e.g., (L★)

To activate lights use frequency indicated in the communication section of the chart with a (L) or the appropriate lighting system identification e.g., UNICOM 122.8 (L), (A1), (V)

KEY MIKE	FUNCTION
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL-off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL-off)

CHART CURRENCY INFORMATION

FAA procedure amendment number — Amdt 11A 99365 / Orig 00365 — Date of latest change

The Chart Date indentifies the Julian date the chart was added to the volume or last revised for any reason. The first two digits indicate the year, the last three digits indicate the day of the year (001 to 365/6) in which the latest addition or change was first published.

The Procedure Amendment Number precedes the Chart Date, and changes any time instrument information (e.g., DH, MDA, approach routing, etc.) changes. Procedure changes also cause the Chart Date to change.

MISCELLANEOUS

★ Indicates a non-continuously operating facility, see the individual airport in the front portion of the A/FD.
Indicates control tower temporarily closed UFN.

10042
LEGEND

INSTRUMENT APPROACH PROCEDURES (CHARTS)

AIRPORT DIAGRAM/AIRPORT SKETCH

Runways

Hard Surface | Other Than Hard Surface | Stopways, Taxiways, Parking Areas, Water Runways | Displaced Threshold

Closed Runway | Closed Taxiway | Under Construction | Metal Surface

ARRESTING GEAR: Specific arresting gear systems; e.g., BAK12, MA-1A etc., shown on airport diagrams, not applicable to Civil Pilots. Military Pilots refer to appropriate DOD publications.

uni-directional | bi-directional | Jet Barrier

ARRESTING SYSTEM

REFERENCE FEATURES

Buildings
Tanks
Obstructions
Airport Beacon #
Runway
Radar Reflectors
Control Tower #
Hot Spot

When Control Tower and Rotating Beacon are co-located, Beacon symbol will be used and further identified as TWR.

Runway length depicted is the physical length of the runway (end-to-end, including displaced thresholds if any) but excluding areas designated as stopways.

A D symbol is shown to indicate runway declared distance information available, see appropriate A/FD, Alaska or Pacific Supplement for distance information.

Helicopter Alighting Areas

Negative Symbols used to identify Copter Procedures

landing point

Runway Threshold elevation.....THRE 123
Runway TDZ elevation.....TDZE 123
Runway Slope.....0.3% DOWN / 0.8% UP
(shown when runway slope is greater than or equal to 0.3%)

NOTE:
Runway Slope measured to midpoint on runways 8000 feet or longer.

U.S. Navy Optical Landing System (OLS) "OLS" location is shown because of its height of approximately 7 feet and proximity to edge of runway may create an obstruction for some types of aircraft.

Approach light symbols are shown in the Flight Information Handbook.

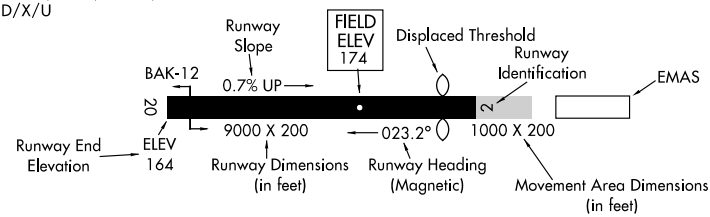
Airport diagram scales are variable.

True/magnetic North orientation may vary from diagram to diagram

Coordinate values are shown in 1 or ½ minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

NOTE:
All new and revised airport diagrams are shown referenced to the World Geodetic System (WGS) (noted on appropriate diagram), and may not be compatible with local coordinates published in FLIP. (Foreign Only)

Runway Weight Bearing Capacity/or PCN Pavement Classification Number is shown as a codified expression.
Refer to the appropriate Supplement/Directory for applicable codes e.g.,
RWY 14-32 S75, T185, ST175, TT325
PCN 80 F/D/X/U



SCOPE

Airport diagrams are specifically designed to assist in the movement of ground traffic at locations with complex runway/taxiway configurations and provide information for updating Computer Based Navigation Systems (I.E., INS, GPS) aboard aircraft. Airport diagrams are not intended to be used for approach and landing or departure operations. For revisions to Airport Diagrams: Consult FAA Order 7910.4.

HOT SPOTS

An ''Airport surface hot spot'' is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

A ''hot spot'' is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as ''HOT[1]'', ''HOT[2]'', etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

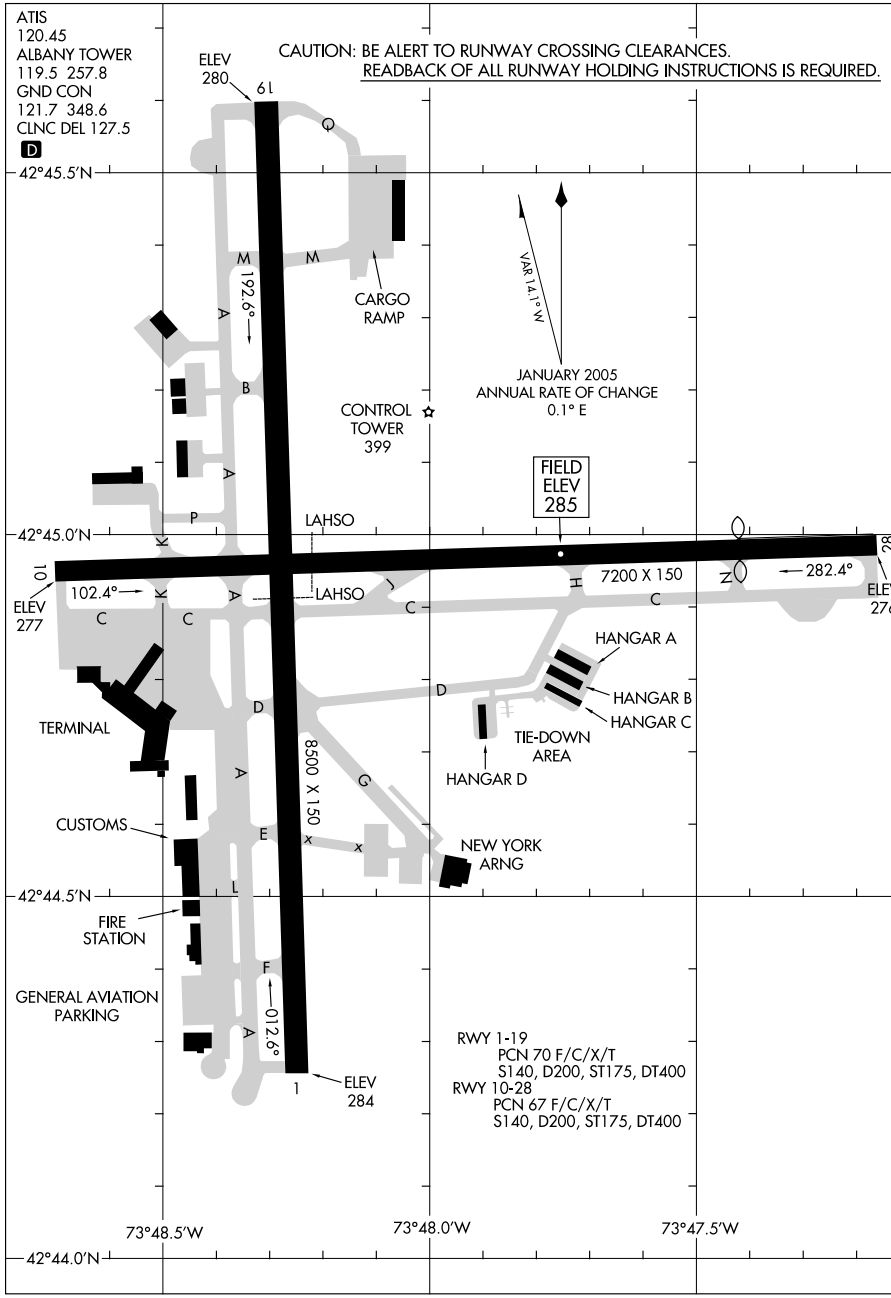
CITY/AIRPORT	HOT SPOT	DESCRIPTION
MARYLAND		
BALTIMORE		
BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)	HOT[1]	Uncontrolled stop bar. No crossing allowed.
	HOT[2]	Caution Rwy 10–28 in close proximity to Twy P1 intersection.
	HOT[3]	Twy E closed and barricaded.
NEW JERSEY		
CALDWELL		
ESSEX CO (CDW)	HOT[1]	Pilots taxiing to Rwy 28 northbound on Twy P should exercise caution at intersection of Twy P and Twy N due to close proximity to Rwy 28.
NEW YORK		
ROCHESTER		
GREATER ROCHESTER INTL (ROC)	HOT[1]	Be alert during ldg/tkf Rwy 25 and Rwy 28 thlds in close proximity to each other.
	HOT[2]	Do not cross Rwy 10–28 without specific ATC clearance.
PENNSYLVANIA		
HARRISBURG		
CAPITAL CITY (CXY)	HOT[1]	Rwy 26 LAHSO pavement marking is difficult to see in late afternoon due to sun.
	HOT[2]	Rwy 8 ILS Critical Area hold line pavement marking is non–standard.
	HOT[3]	Twy C at Rwy 30 – Entrance to Twy B is difficult to see from Twy C due to large pavement area.

09183

AIRPORT DIAGRAM

AL-10 (FAA)

ALBANY INTL (ALB)
ALBANY, NEW YORK



AIRPORT DIAGRAM

09183

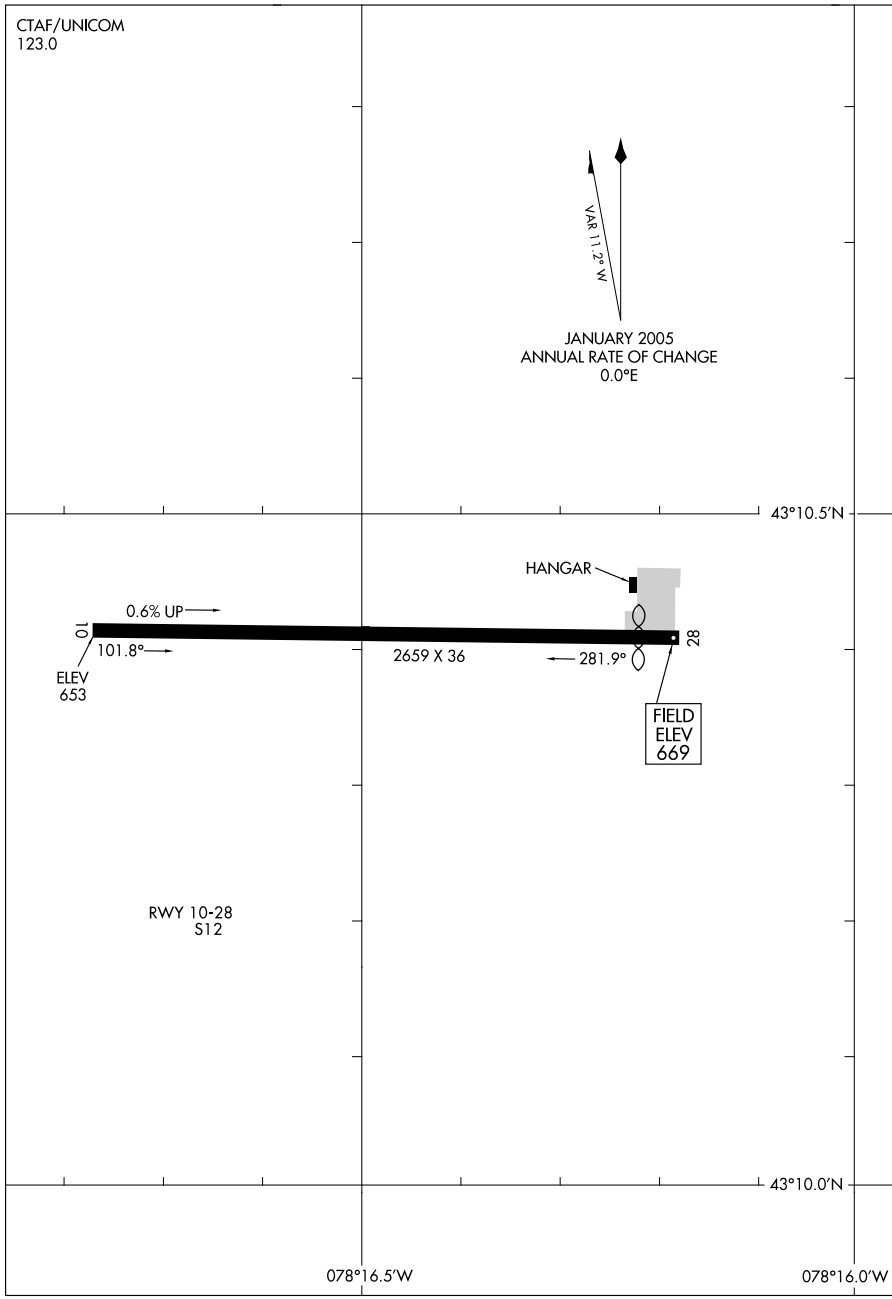
ALBANY, NEW YORK
ALBANY INTL (ALB)

09071

AIRPORT DIAGRAM

AL-6495 (FAA)

ALBION/PINE HILL (9G6)
ALBION, NEW YORK



AIRPORT DIAGRAM
09071

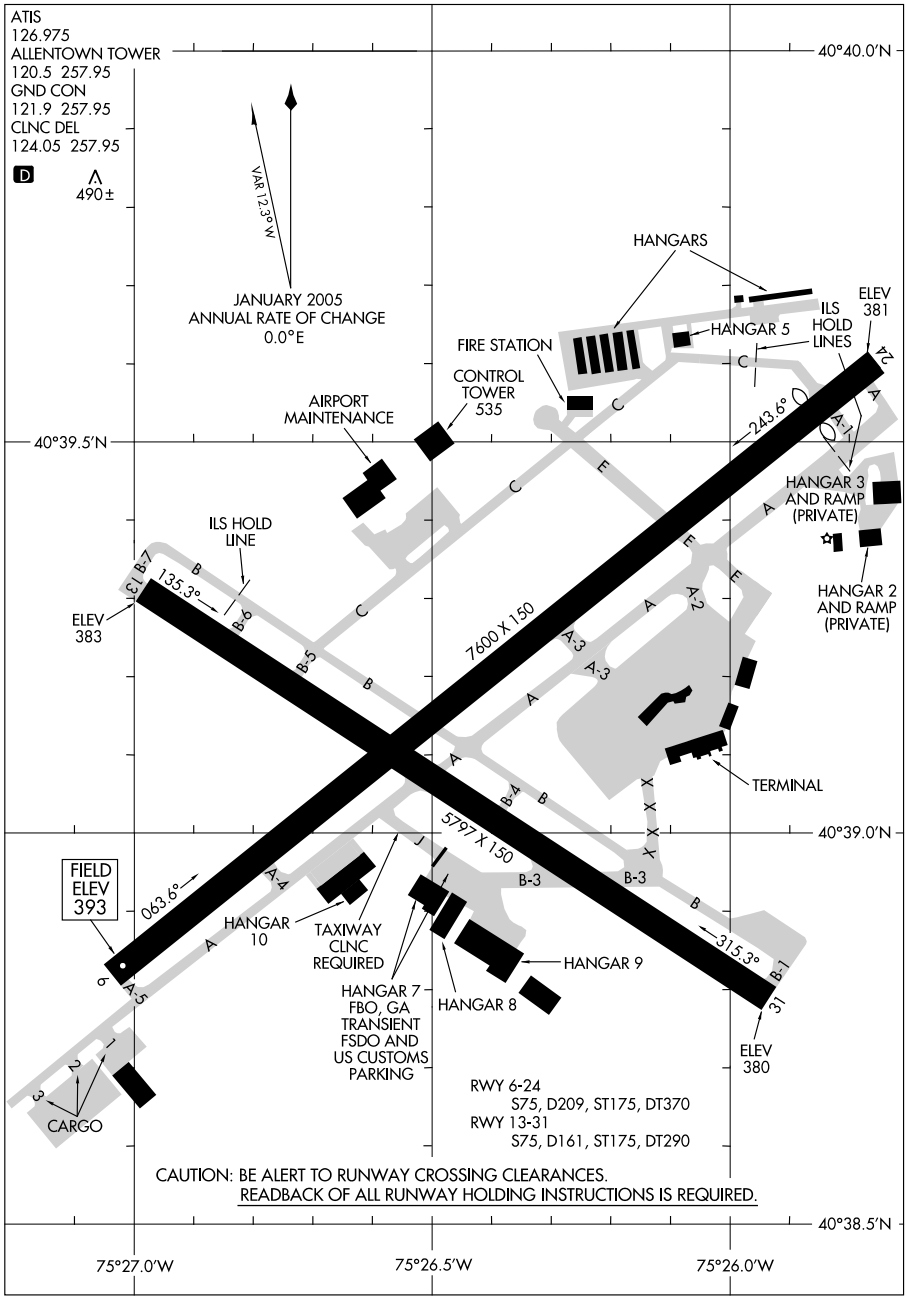
ALBION, NEW YORK
ALBION/PINE HILL (9G6)

09239

AIRPORT DIAGRAM

AL-15 (FAA)

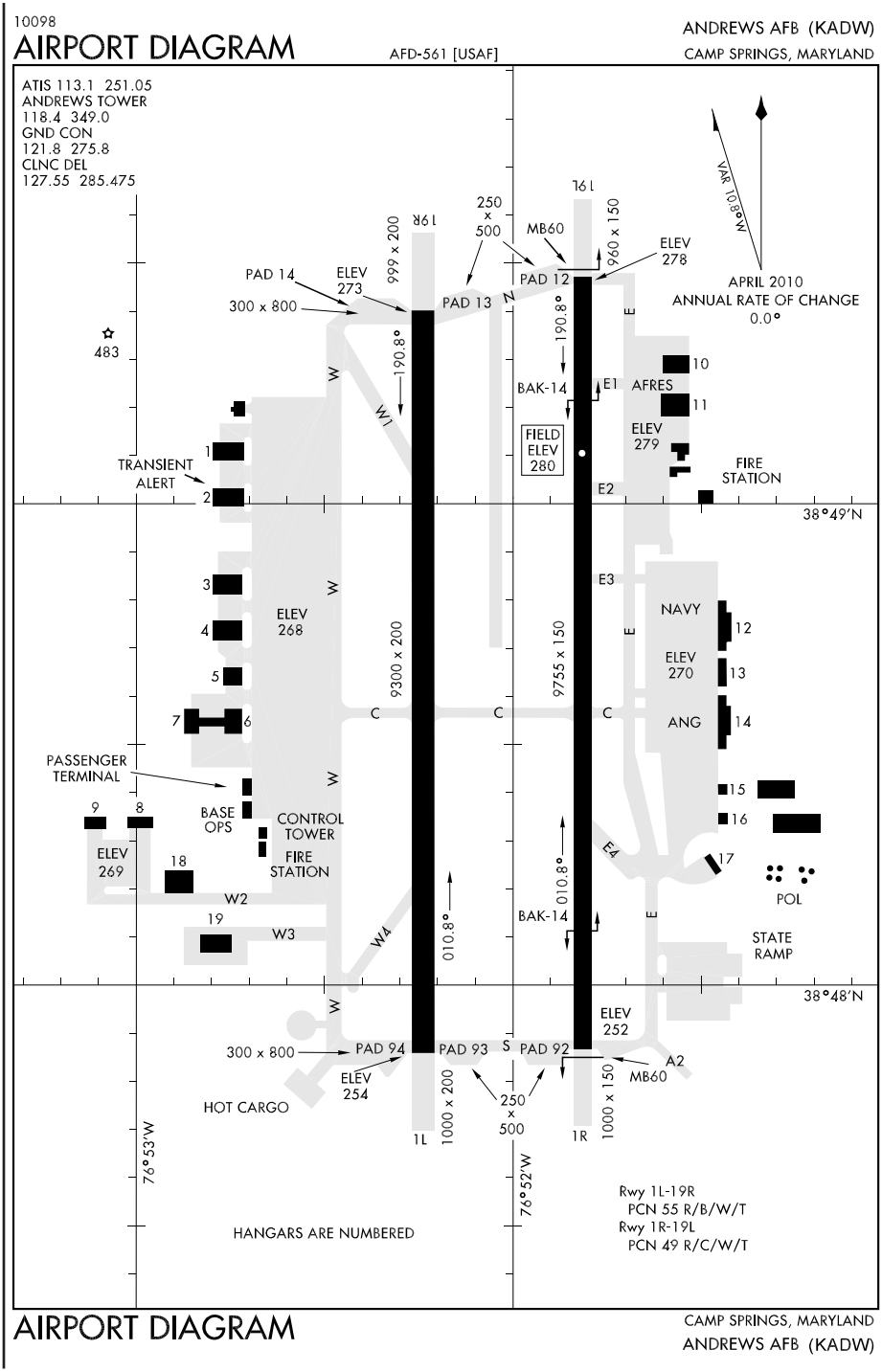
ALLENTOWN / LEHIGH VALLEY INTL (ABE)
ALLENTOWN, PENNSYLVANIA



AIRPORT DIAGRAM

09239

ALLENTOWN, PENNSYLVANIA
ALLENTOWN / LEHIGH VALLEY INTL (ABE)

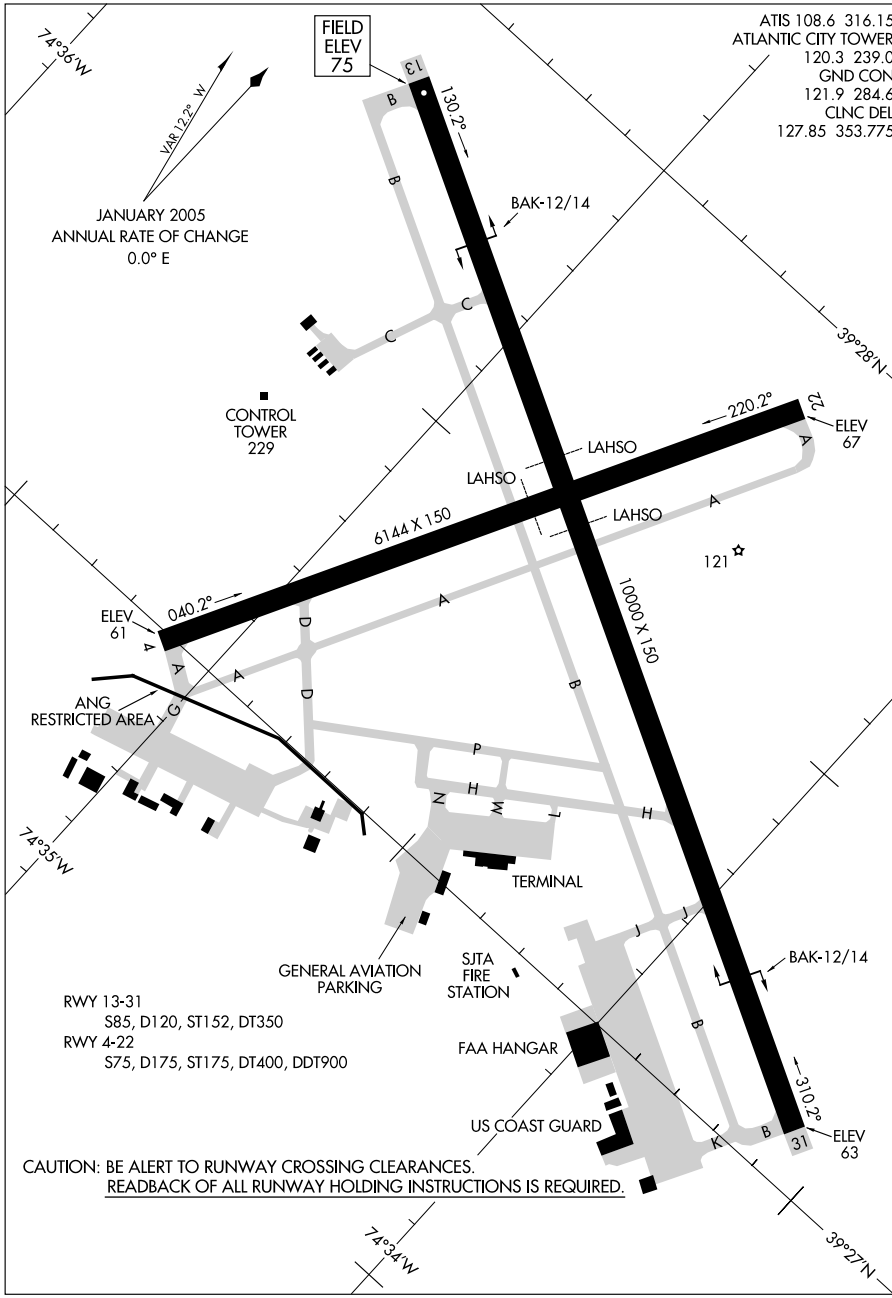

10098
AIRPORT DIAGRAM
AFD-561 [USAF]
ANDREWS AFB (KADW)
CAMP SPRINGS, MARYLAND
ATIS 113.1 251.05
ANDREWS TOWER
118.4 349.0
GND CON
121.8 275.8
CLNC DEL
127.55 285.475
VAR 10.8°W
APRIL 2010
ANNUAL RATE OF CHANGE
0.0°
19L
19R
250 x 500
MB60
960 x 150
ELEV 278
PAD 12
PAD 14
ELEV 273
300 x 800
PAD 13
999 x 200
190.8°
483
BAK-14
E1
AFRES
10
11
ELEV 279
FIELD ELEV 280
TRANSIENT ALERT
1
2
FIRE STATION
E2
38°49'N
3
4
5
7
6
ELEV 268
9300 x 200
9755 x 150
E3
NAVY
12
ELEV 270
13
ANG
14
PASSENGER TERMINAL
9
8
BASE OPS
CONTROL TOWER
FIRE STATION
ELEV 269
18
15
16
17
POL
W2
19
W3
W4
010.8°
STATE RAMP
38°48'N
ELEV 252
300 x 800
PAD 94
PAD 93
PAD 92
A2
MB60
ELEV 254
HOT CARGO
1000 x 200
1000 x 150
1L
1R
76°53'W
76°52'W
Rwy 1L-19R
PCN 55 R/B/W/T
Rwy 1R-19L
PCN 49 R/C/W/T
HANGARS ARE NUMBERED
AIRPORT DIAGRAM
CAMP SPRINGS, MARYLAND
ANDREWS AFB (KADW)

08269

AIRPORT DIAGRAM

AL-669 (FAA)

ATLANTIC CITY INTL (ACY)
ATLANTIC CITY, NEW JERSEY



AIRPORT DIAGRAM

08269

ATLANTIC CITY, NEW JERSEY
ATLANTIC CITY INTL (ACY)

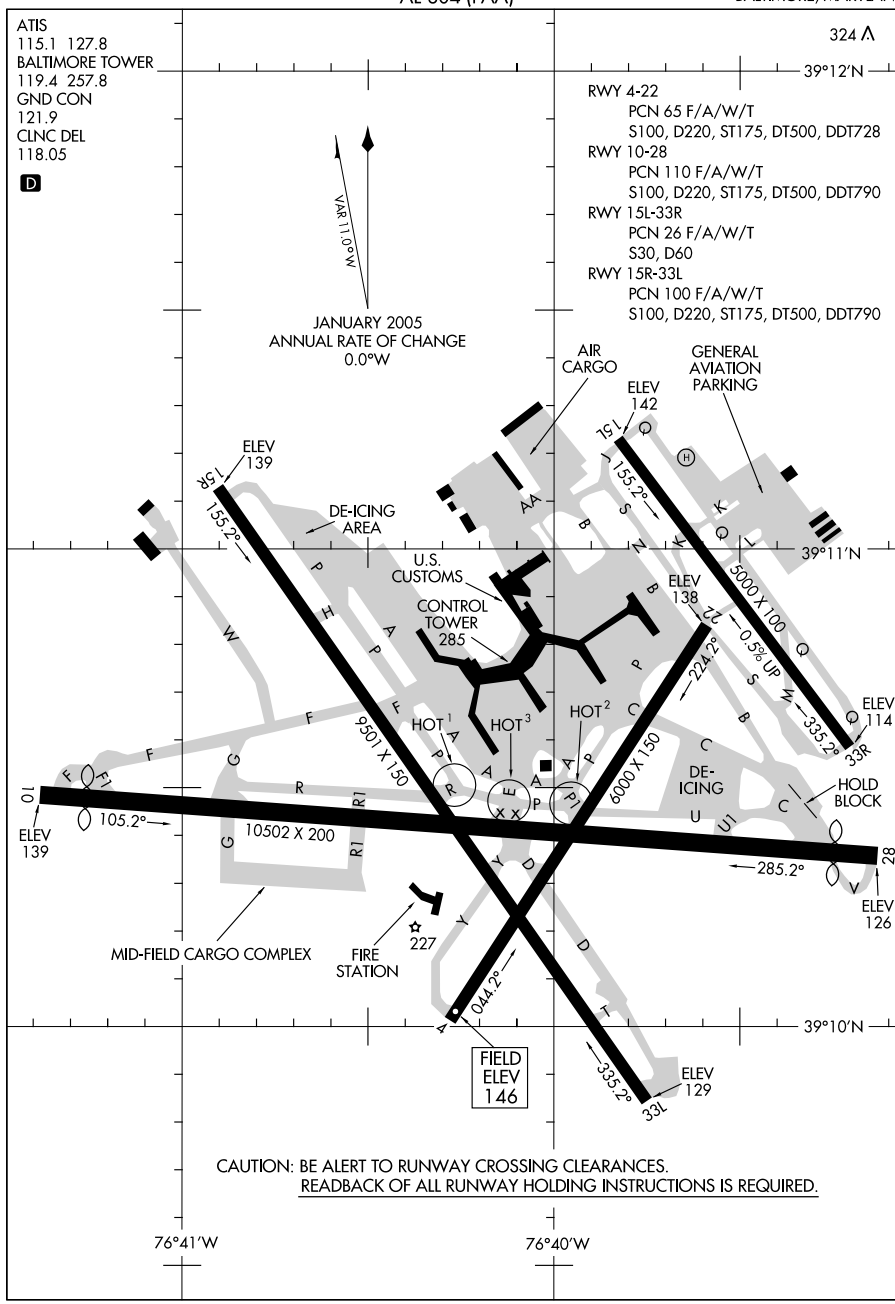
10042

AIRPORT DIAGRAM

BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)

AL-804 (FAA)

BALTIMORE, MARYLAND



AIRPORT DIAGRAM

BALTIMORE, MARYLAND

10042

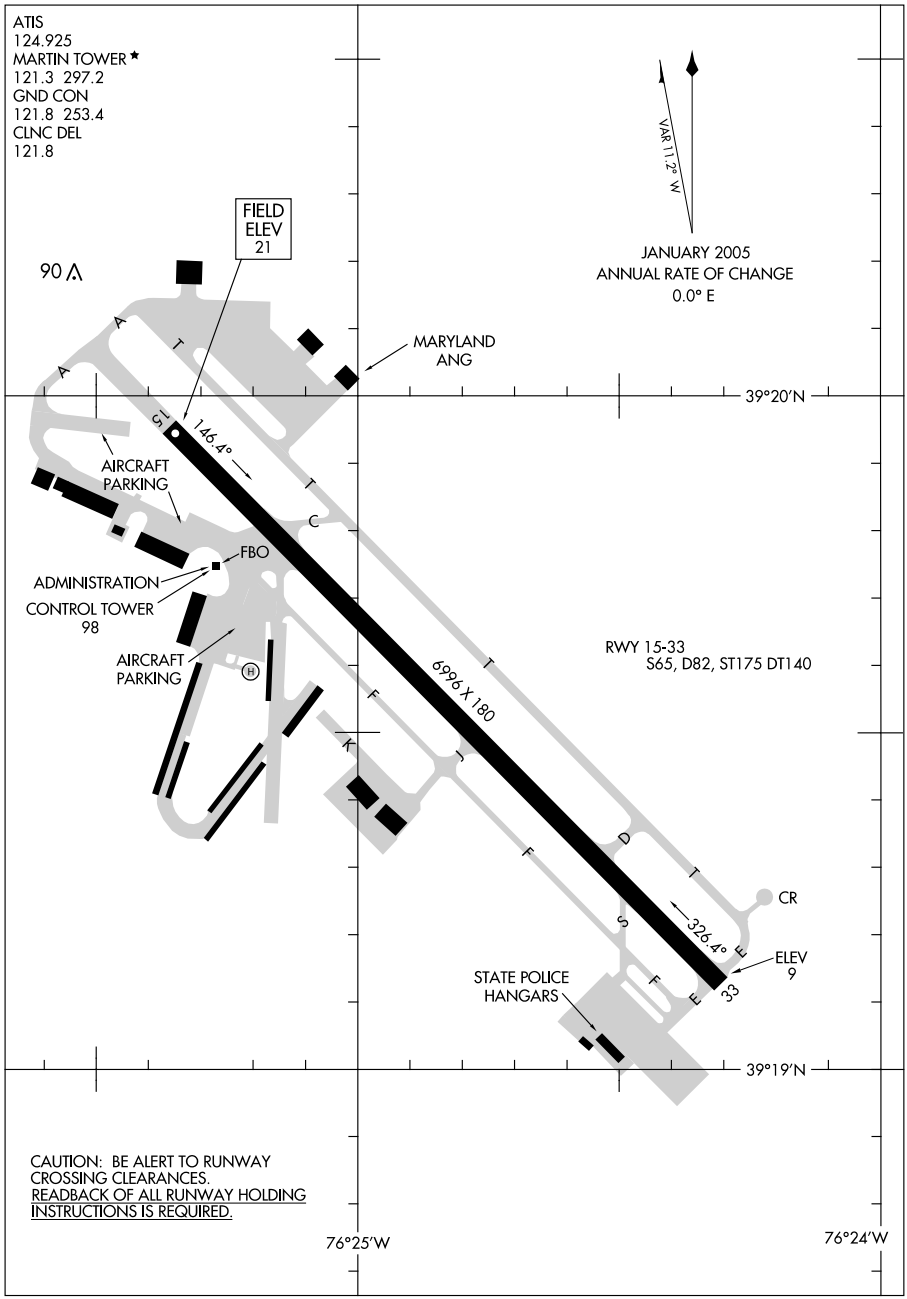
BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)

09295

AIRPORT DIAGRAM

AL-5222 (FAA)

BALTIMORE/MARTIN STATE (MTN)
BALTIMORE, MARYLAND



AIRPORT DIAGRAM

09295

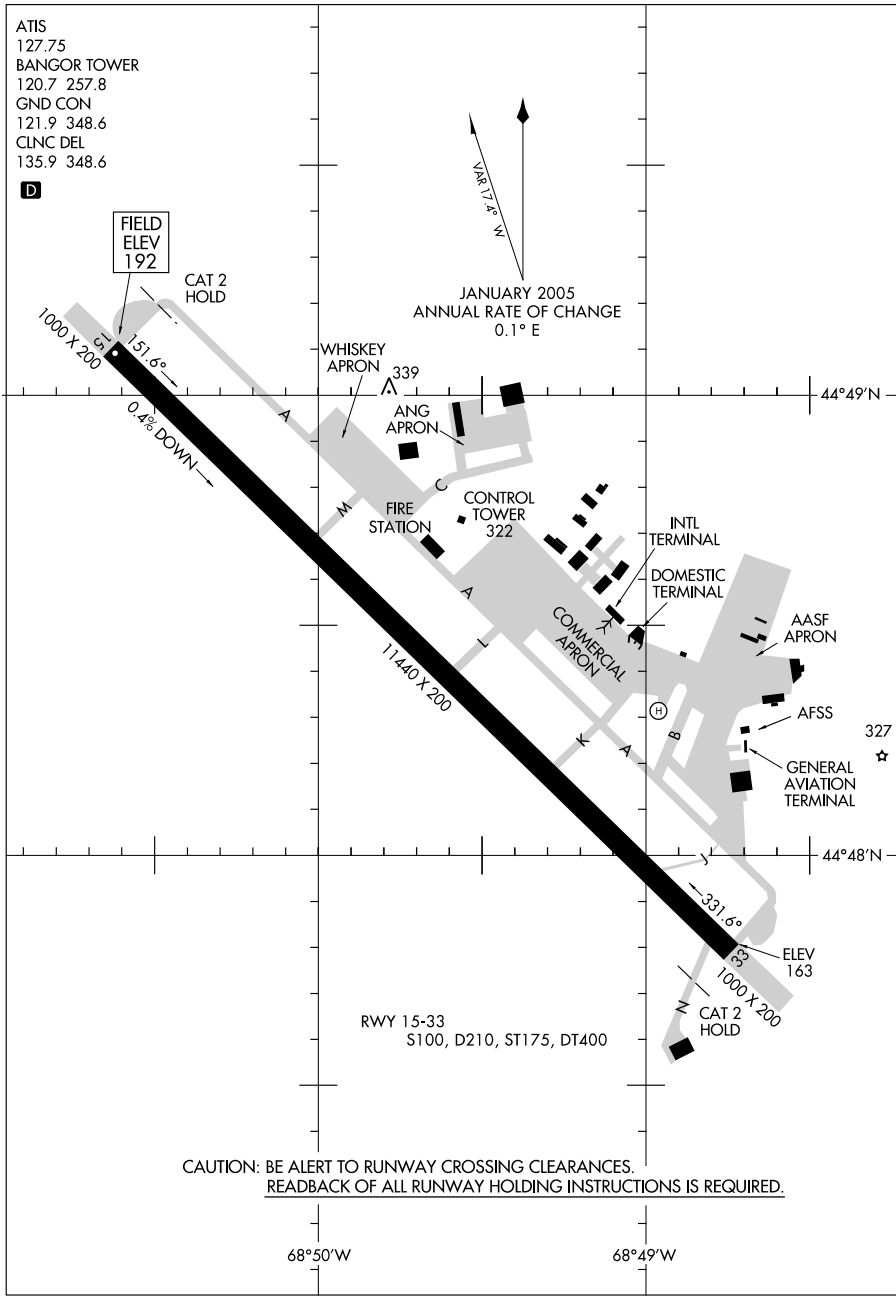
BALTIMORE, MARYLAND
BALTIMORE/MARTIN STATE (MTN)

09295

AIRPORT DIAGRAM

AL-39 (FAA)

BANGOR INTL (BGR)
BANGOR, MAINE



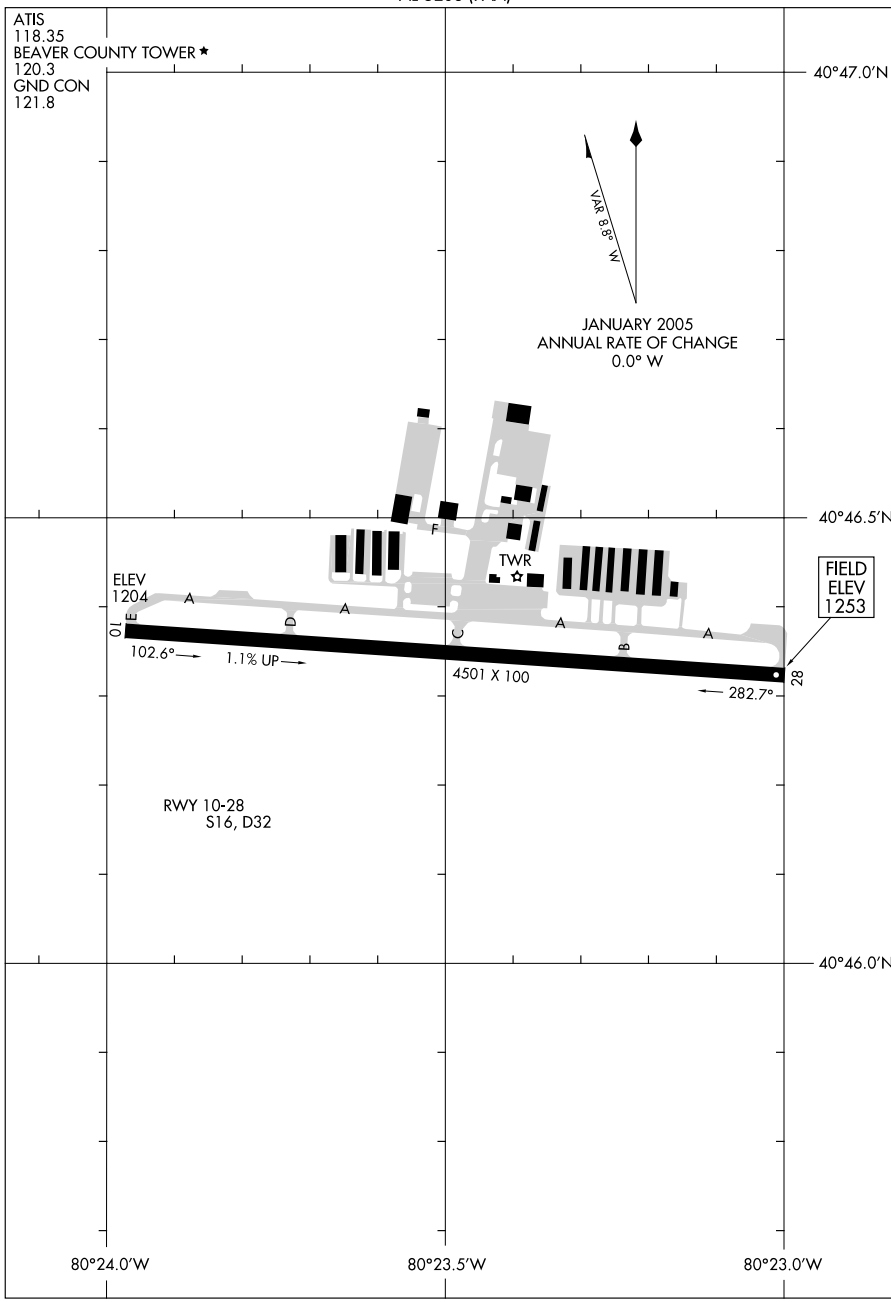
AIRPORT DIAGRAM
09295
BANGOR, MAINE
BANGOR INTL (BGR)

09295

AIRPORT DIAGRAM

AL-5206 (FAA)

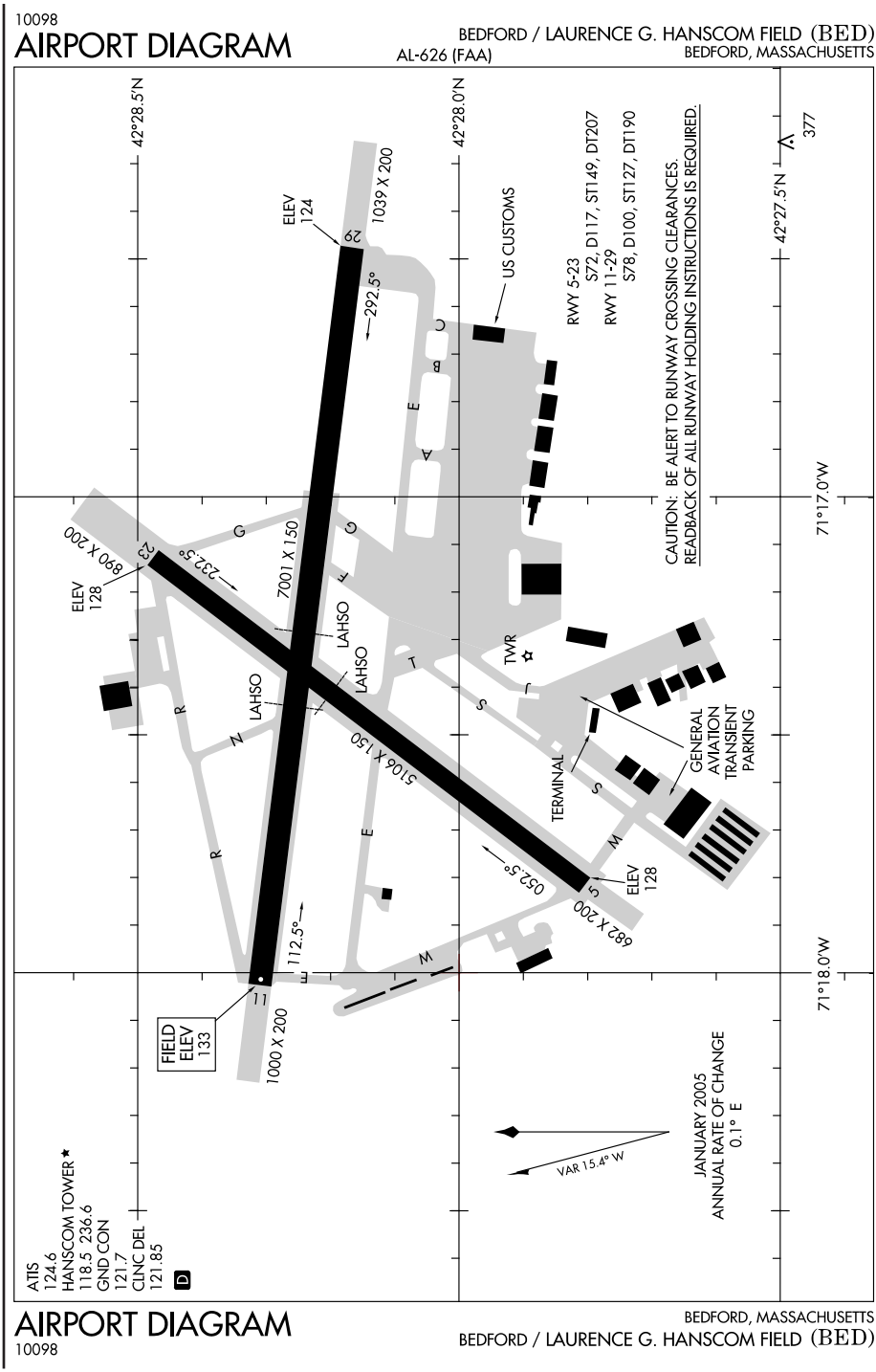
BEAVER FALLS/ BEAVER COUNTY (BVI)
BEAVER FALLS, PENNSYLVANIA



AIRPORT DIAGRAM

09295

BEAVER FALLS, PENNSYLVANIA
BEAVER FALLS/BEAVER COUNTY (BVI)

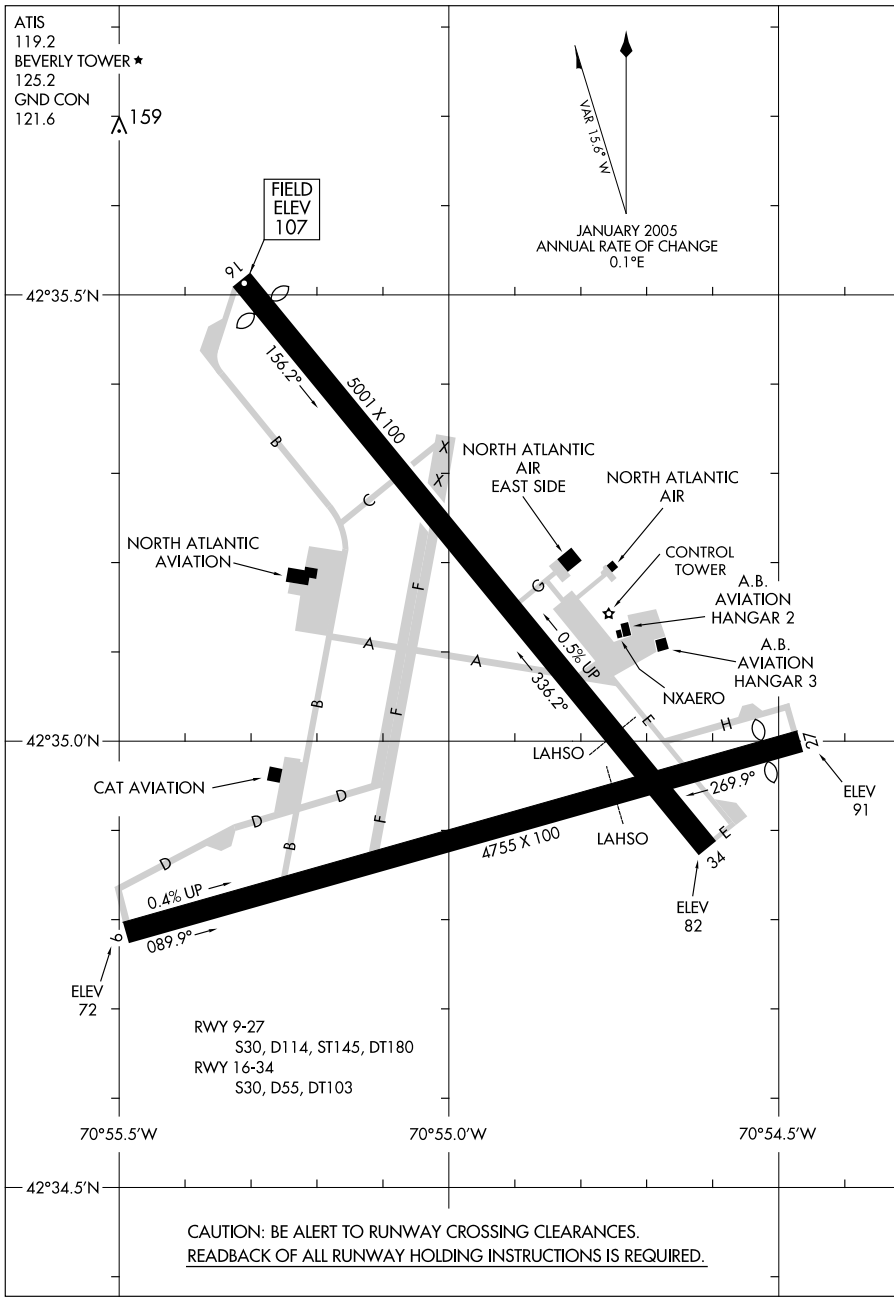

10098
AIRPORT DIAGRAM
BEDFORD / LAURENCE G. HANSCOM FIELD (BED)
BEDFORD, MASSACHUSETTS
AL-626 (FAA)
42°28.5'N
42°28.0'N
42°27.5'N
71°17.0'W
71°18.0'W
377
ELEV 124
29
1039 X 200
292.5°
US CUSTOMS
RWY 5-23
S72, D117, ST149, DT207
RWY 11-29
S78, D100, ST127, DT190
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
ELEV 128
23
890 X 200
232.5°
7001 X 150
LAHSO
LAHSO
LAHSO
TWR
5106 X 150
TERMINAL
GENERAL AVIATION TRANSIENT PARKING
052.5°
682 X 200
ELEV 128
112.5°
11
1000 X 200
FIELD ELEV 133
VAR 15.4° W
JANUARY 2005
ANNUAL RATE OF CHANGE
0.1° E
ATIS
124.6
HANSCOM TOWER *
118.5 236.6
GND CON
121.7
CLNC DEL
121.85
D
AIRPORT DIAGRAM
10098
BEDFORD, MASSACHUSETTS
BEDFORD / LAURENCE G. HANSCOM FIELD (BED)

09015

AIRPORT DIAGRAM

AL-5039 (FAA)

BEVERLY MUNI (BVY)
BEVERLY, MASSACHUSETTS



AIRPORT DIAGRAM

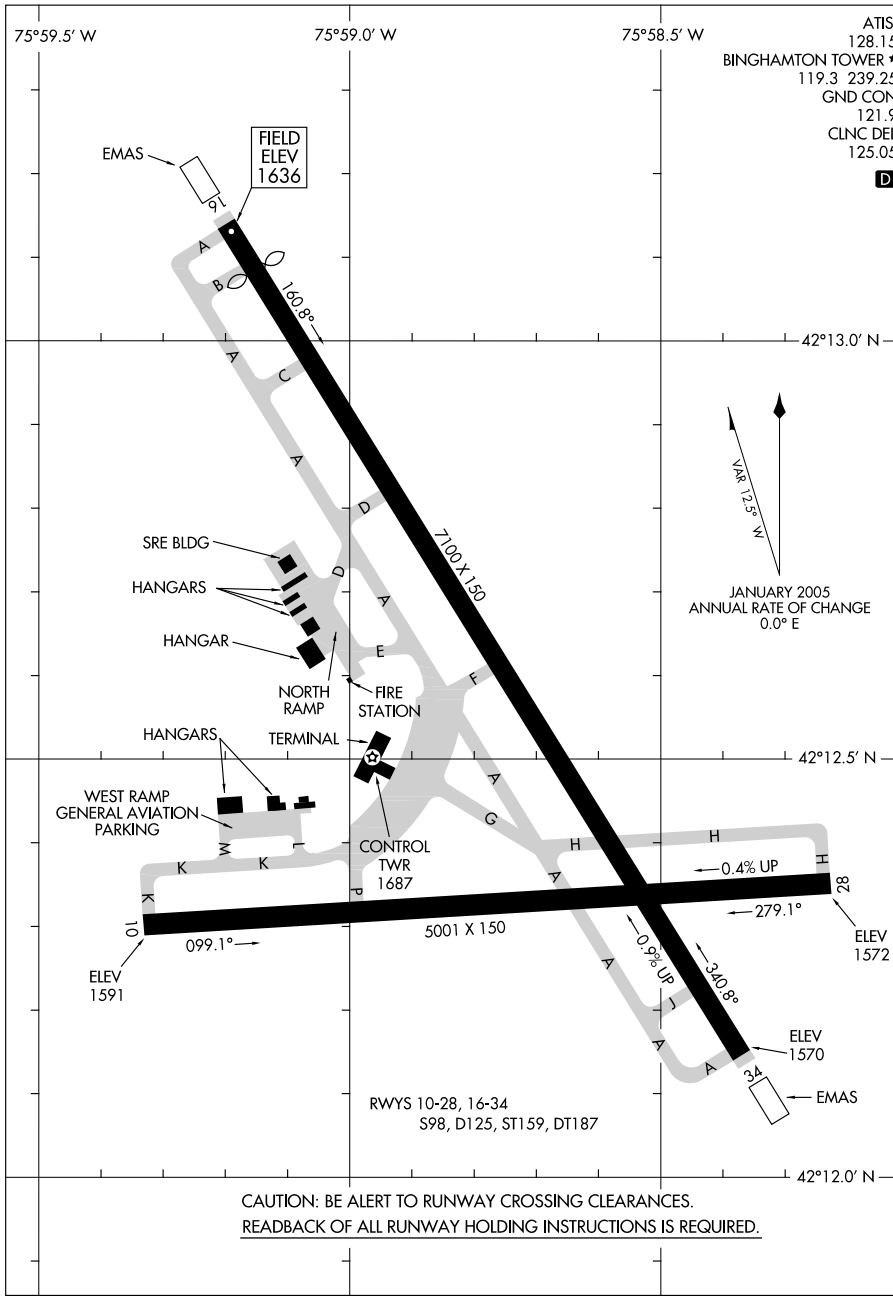
09015

BEVERLY, MASSACHUSETTS
BEVERLY MUNI (BVY)

10042

AIRPORT DIAGRAM

BINGHAMTON/ GREATER BINGHAMTON/EDWIN A. LINK FIELD (BGM)
AL-20 (FAA)
BINGHAMTON, NEW YORK



AIRPORT DIAGRAM

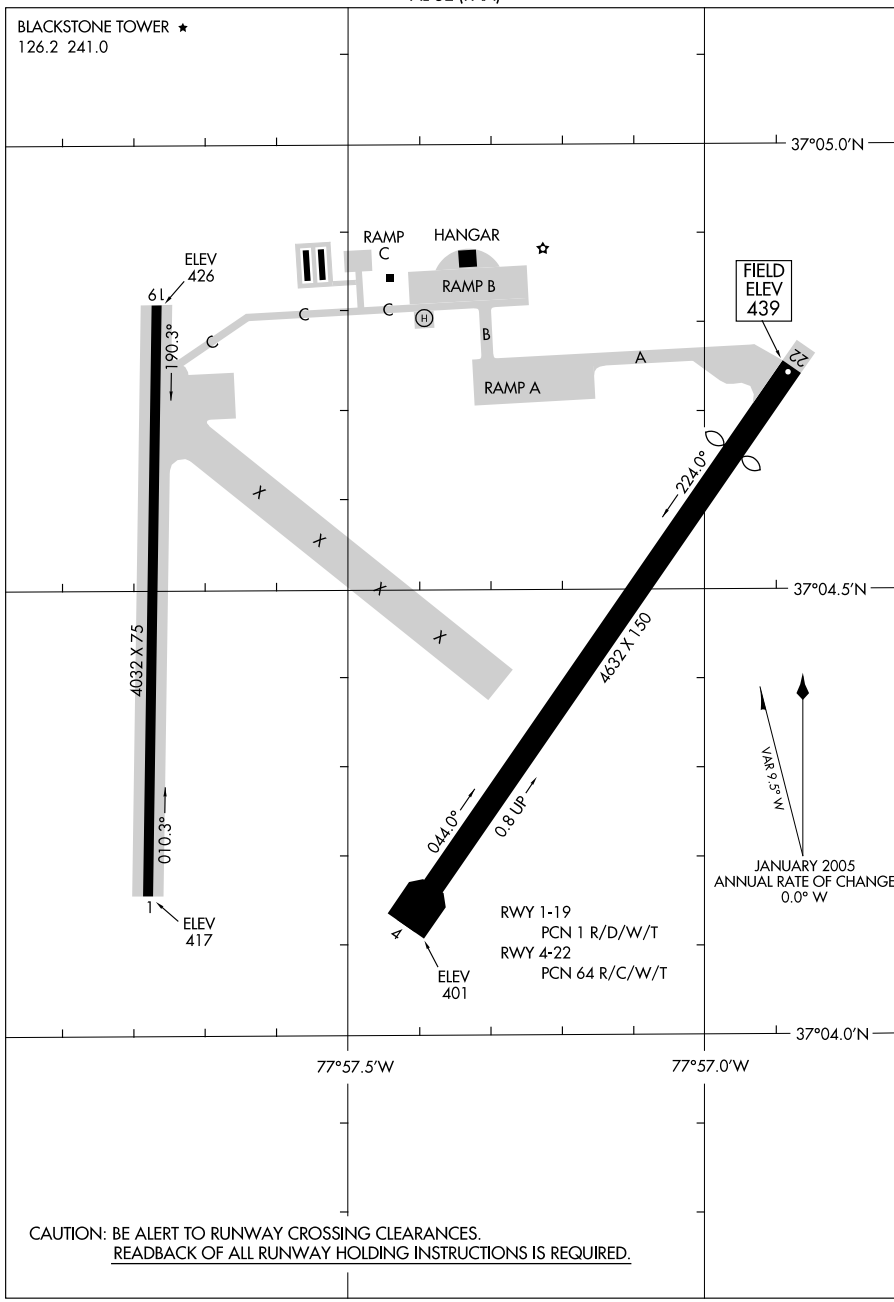
BINGHAMTON, NEW YORK
BINGHAMTON/ GREATER BINGHAMTON/EDWIN A. LINK FIELD (BGM)

10042

09015

AIRPORT DIAGRAM

BLACKSTONE/ALLEN C. PERKINSON/BAAF (BKT)
BLACKSTONE, VIRGINIA
AL-52 (FAA)



AIRPORT DIAGRAM

BLACKSTONE, VIRGINIA
BLACKSTONE/ALLEN C. PERKINSON/BAAF (BKT)

09015

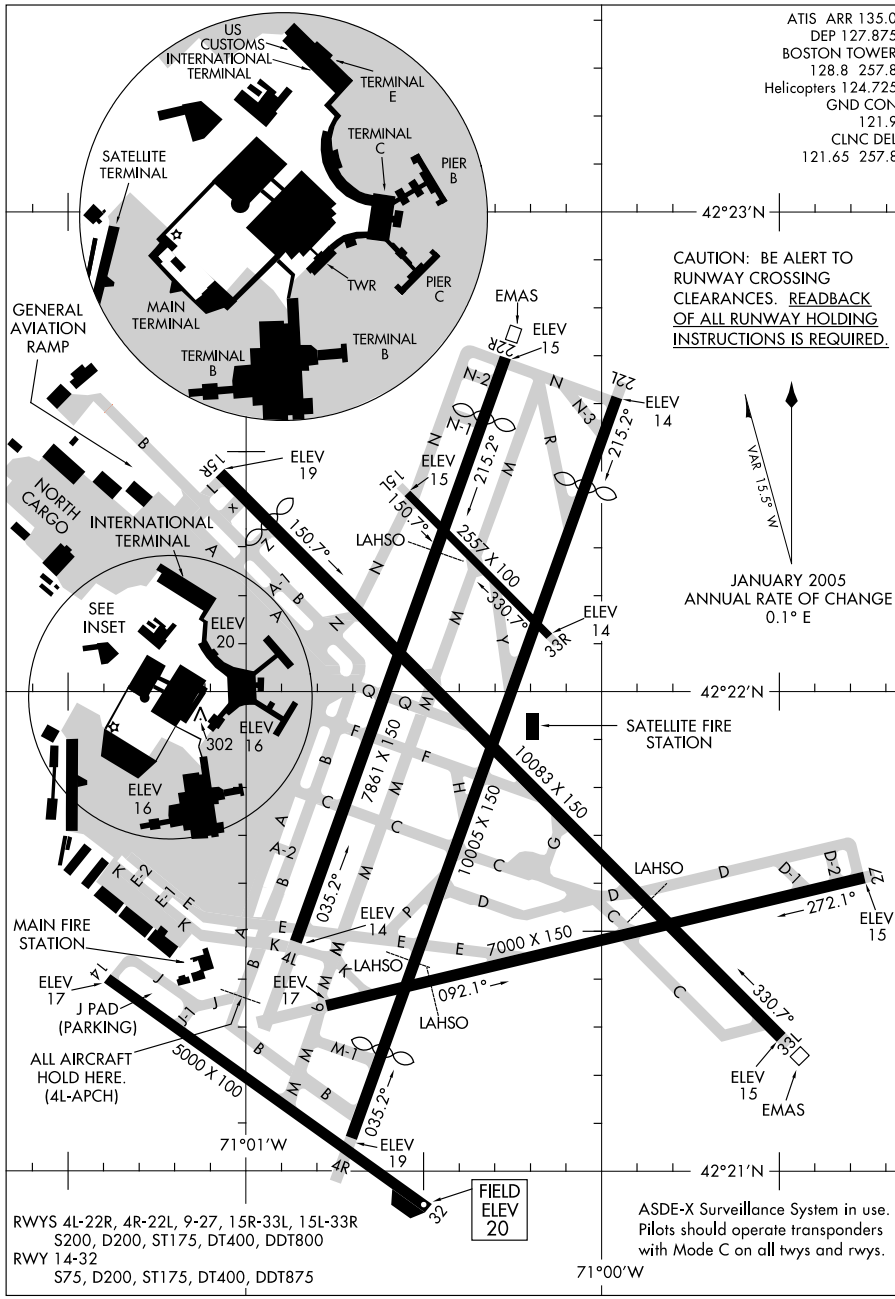
10042

AIRPORT DIAGRAM

BOSTON / GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

AL-58 (FAA)

BOSTON, MASSACHUSETTS



AIRPORT DIAGRAM

10042

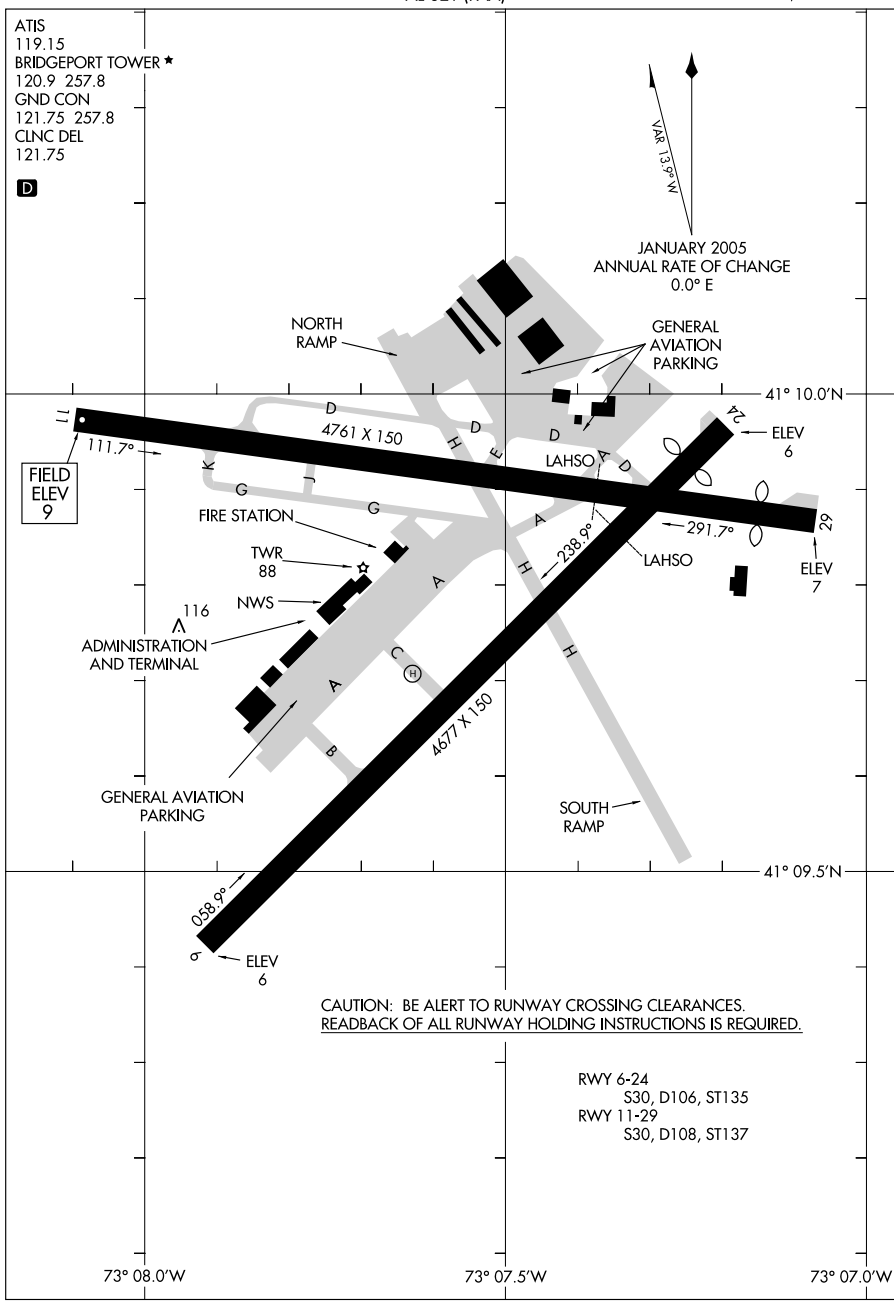
BOSTON, MASSACHUSETTS

BOSTON / GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

10098

AIRPORT DIAGRAM

BRIDGEPORT / IGOR I. SIKORSKY MEMORIAL (BDR)
AL-621 (FAA)
BRIDGEPORT, CONNECTICUT



AIRPORT DIAGRAM
10098

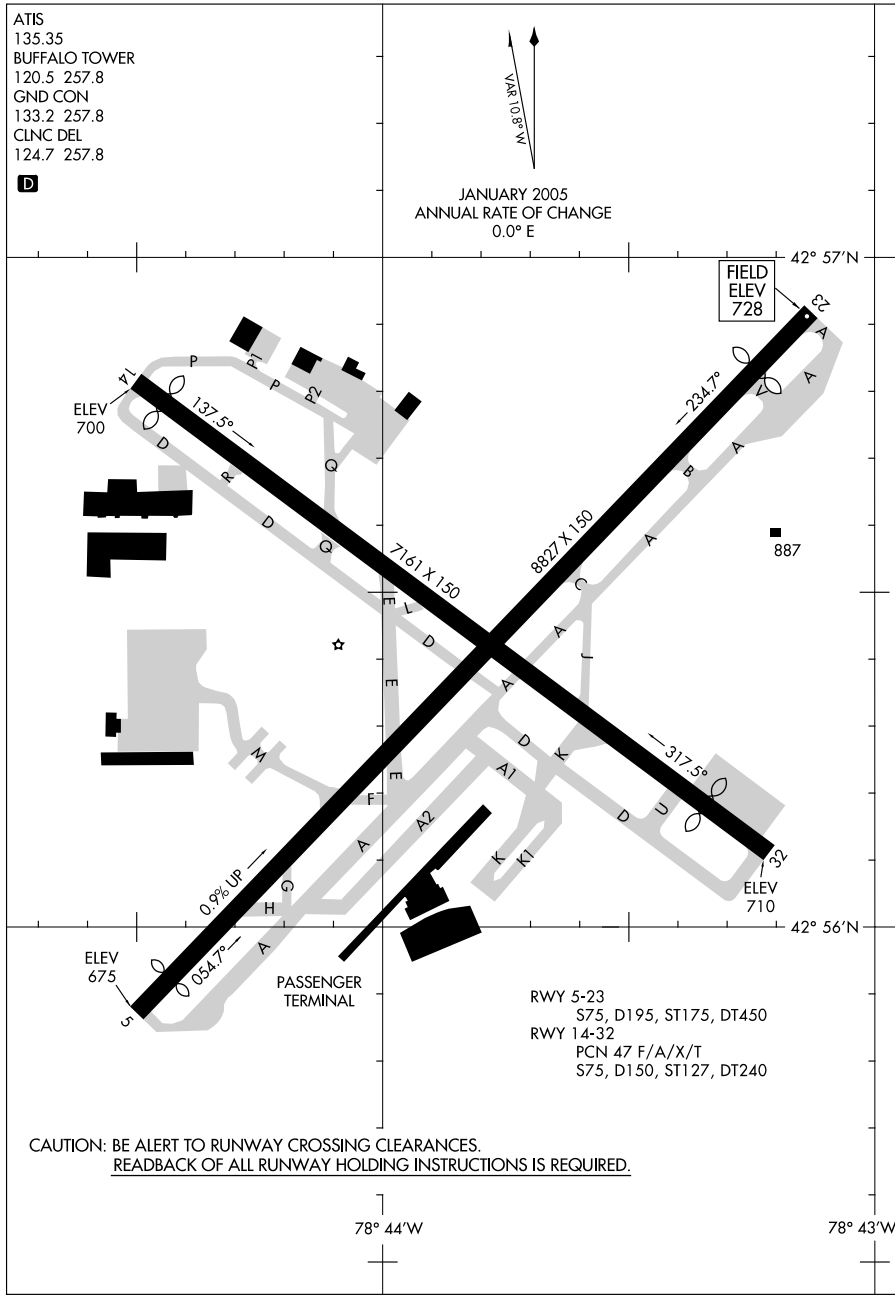
BRIDGEPORT, CONNECTICUT
BRIDGEPORT / IGOR I. SIKORSKY MEMORIAL (BDR)

09239

AIRPORT DIAGRAM

AL-65 (FAA)

BUFFALO NIAGARA INTL (BUF)
BUFFALO, NEW YORK



AIRPORT DIAGRAM
09239

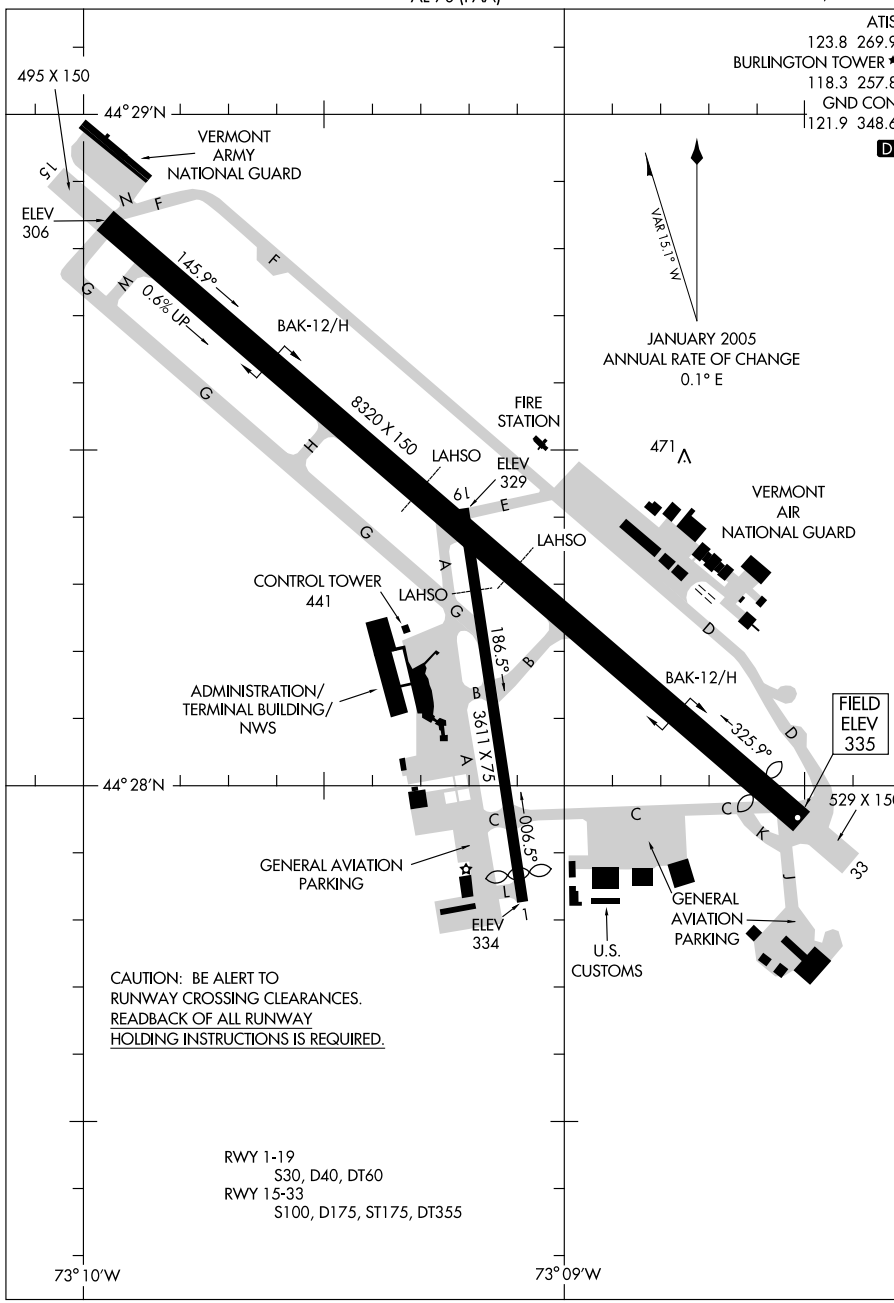
BUFFALO, NEW YORK
BUFFALO NIAGARA INTL (BUF)

09239

AIRPORT DIAGRAM

AL-70 (FAA)

BURLINGTON INTL (BTV)
BURLINGTON, VERMONT



AIRPORT DIAGRAM
09239

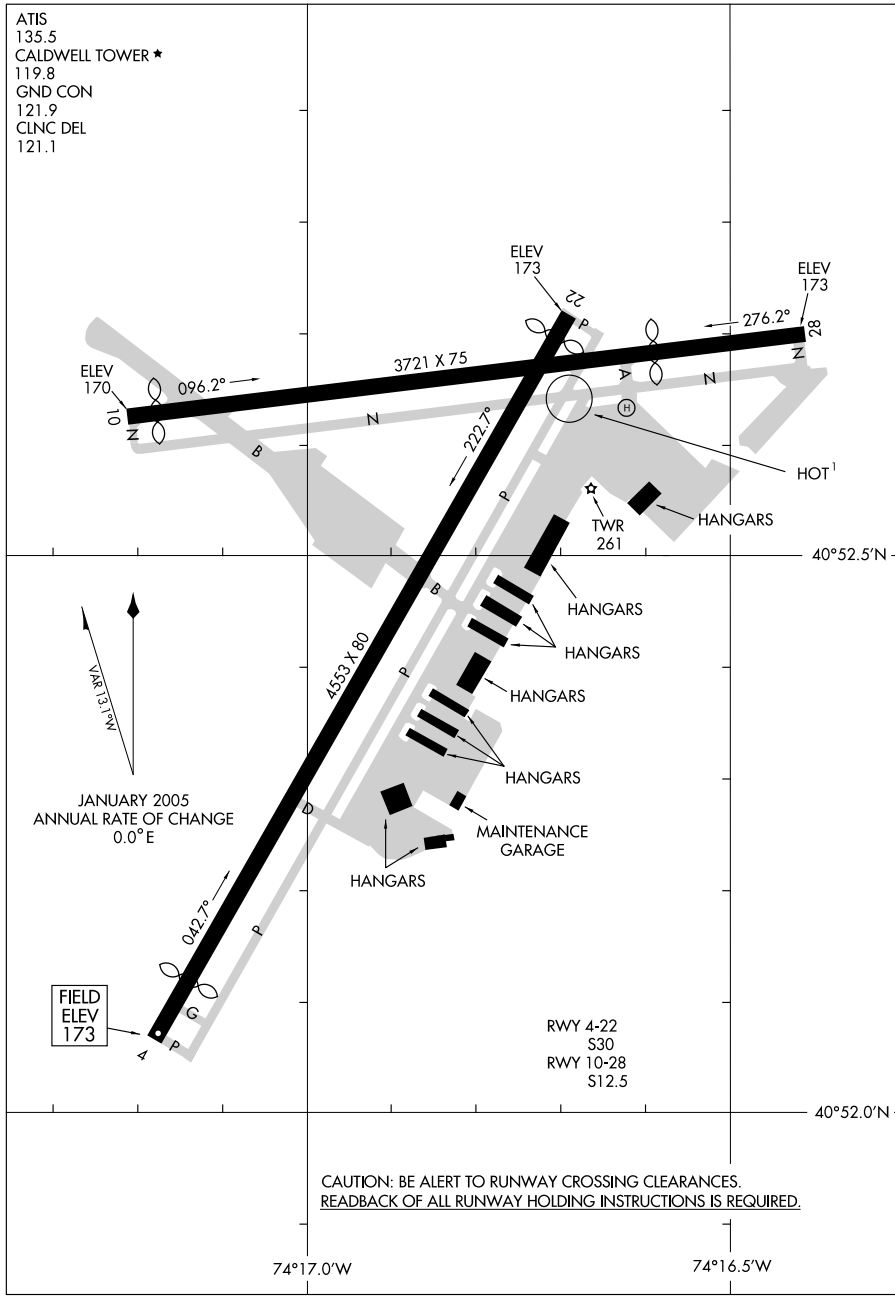
BURLINGTON, VERMONT
BURLINGTON INTL (BTV)

09239

AIRPORT DIAGRAM

AL-5275 (FAA)

CALDWELL/ ESSEX COUNTY (CDW)
CALDWELL, NEW JERSEY



AIRPORT DIAGRAM

09239

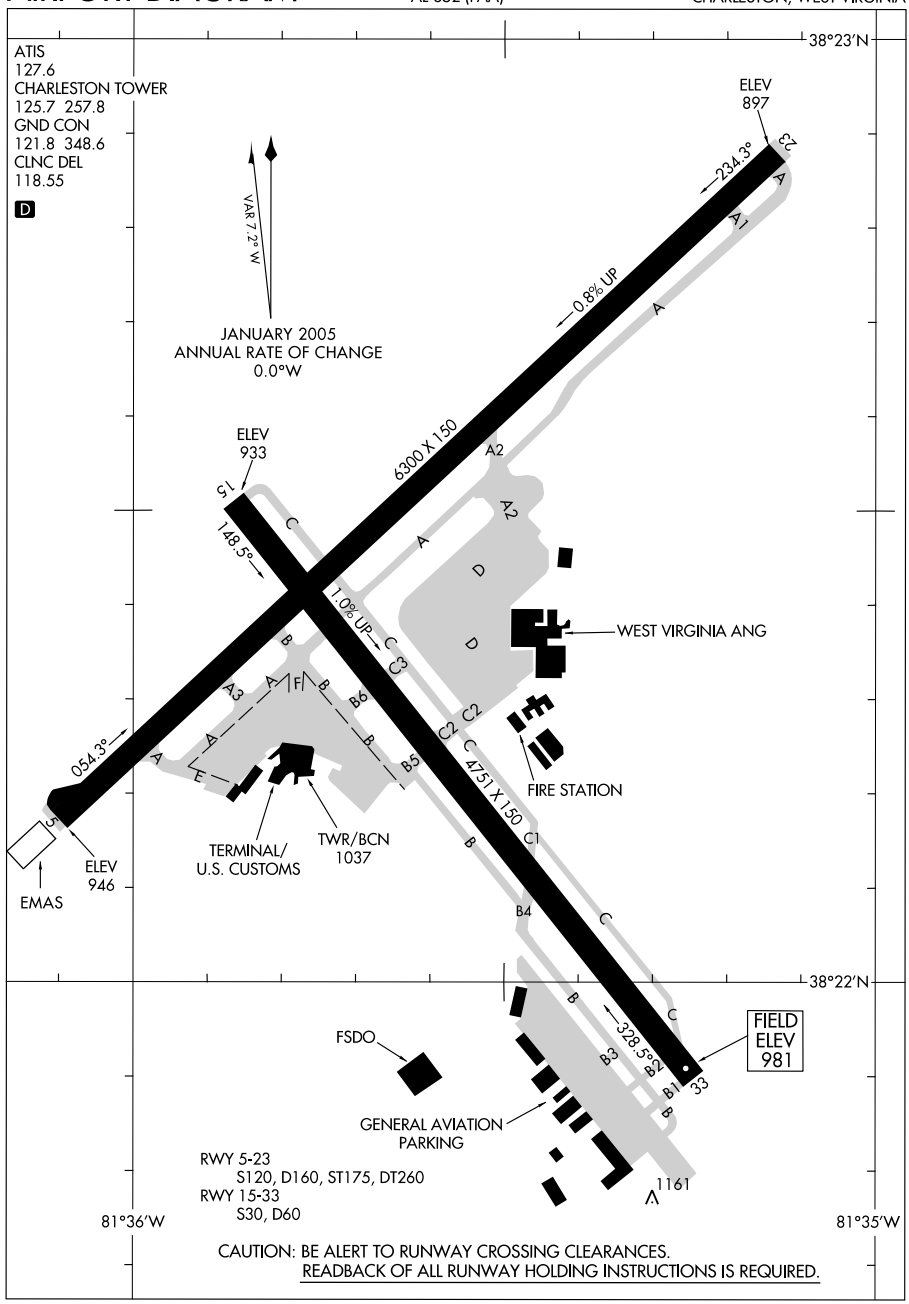
CALDWELL, NEW JERSEY
CALDWELL/ ESSEX COUNTY (CDW)

10098

AIRPORT DIAGRAM

AL-852 (FAA)

CHARLESTON/ YEAGER (CRW)
CHARLESTON, WEST VIRGINIA



AIRPORT DIAGRAM

10098

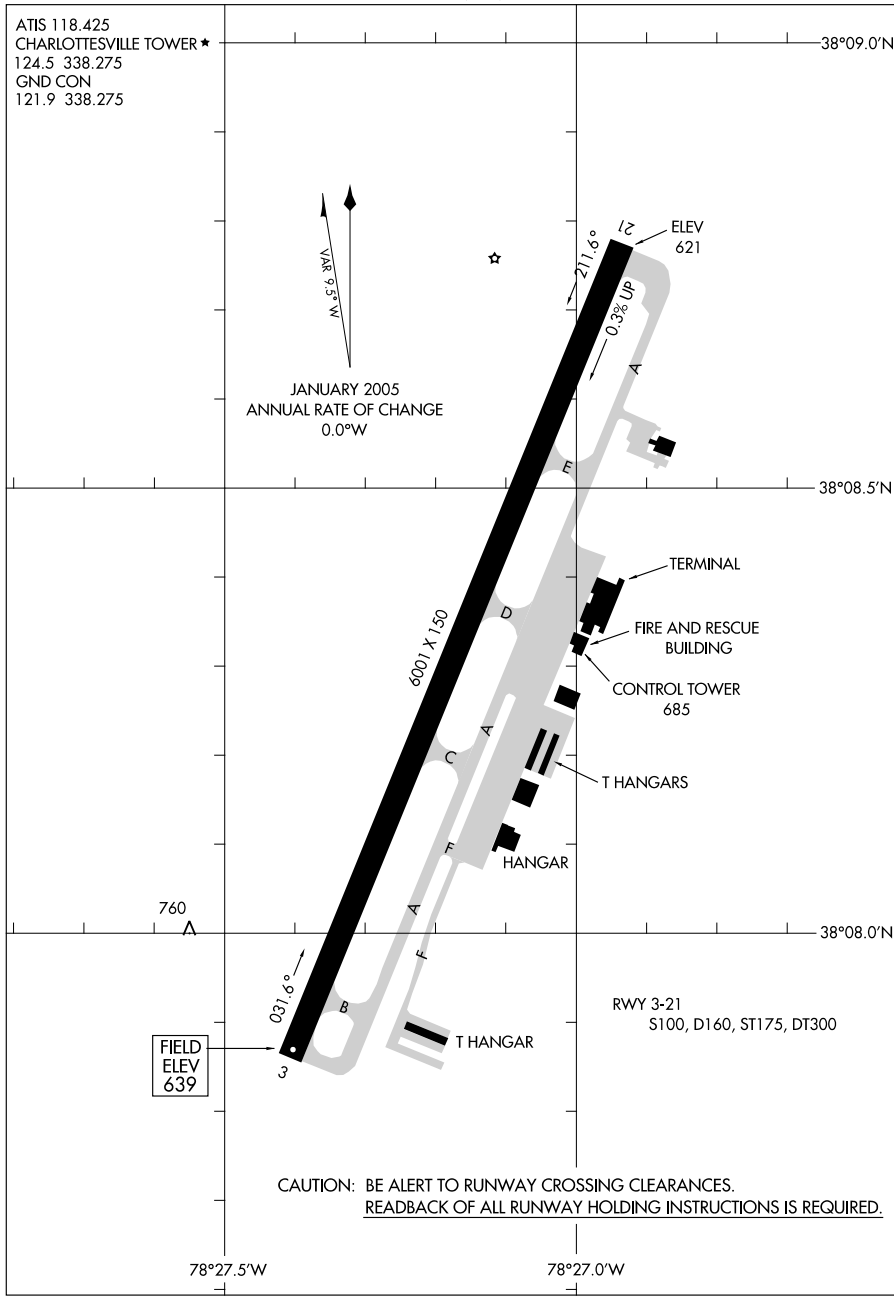
CHARLESTON, WEST VIRGINIA
CHARLESTON/ YEAGER (CRW)

06327

AIRPORT DIAGRAM

AL-765 (FAA)

CHARLOTTESVILLE-ALBERMARLE (CHO)
CHARLOTTESVILLE, VIRGINIA



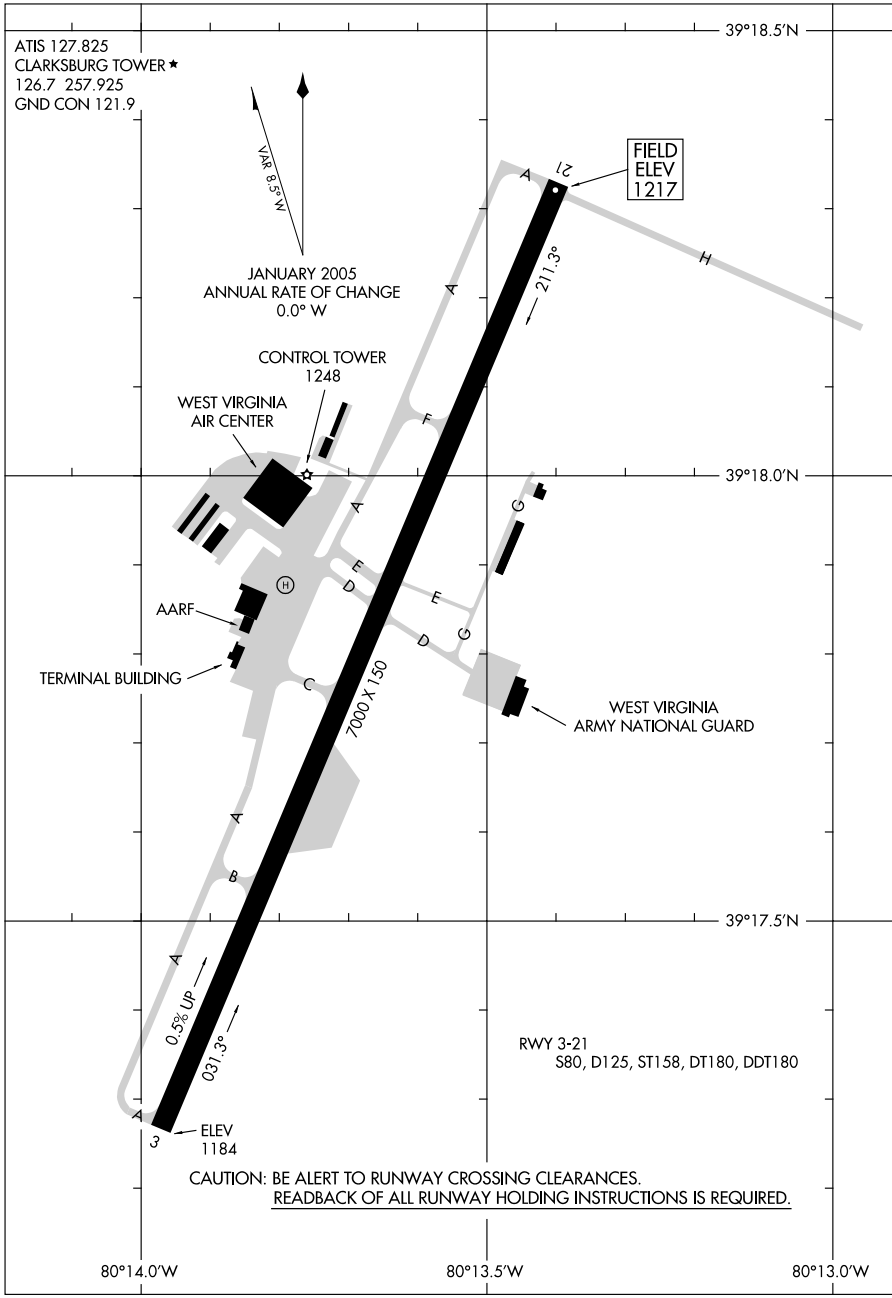
AIRPORT DIAGRAM
06327

CHARLOTTESVILLE, VIRGINIA
CHARLOTTESVILLE-ALBERMARLE (CHO)

07298

AIRPORT DIAGRAM

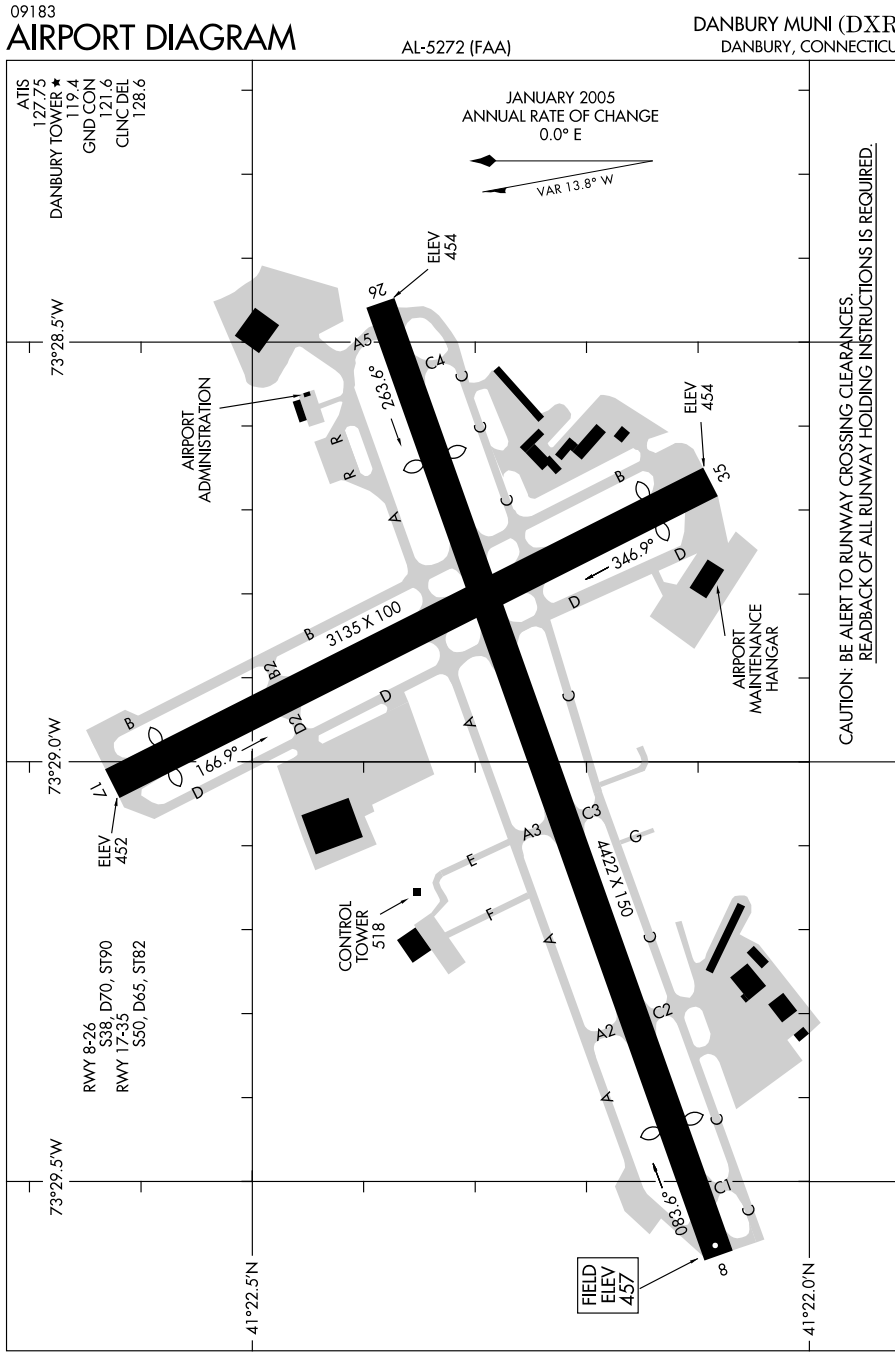
CLARKSBURG / NORTH CENTRAL WEST VIRGINIA (CKB)
AL-616 (FAA)
CLARKSBURG, WEST VIRGINIA

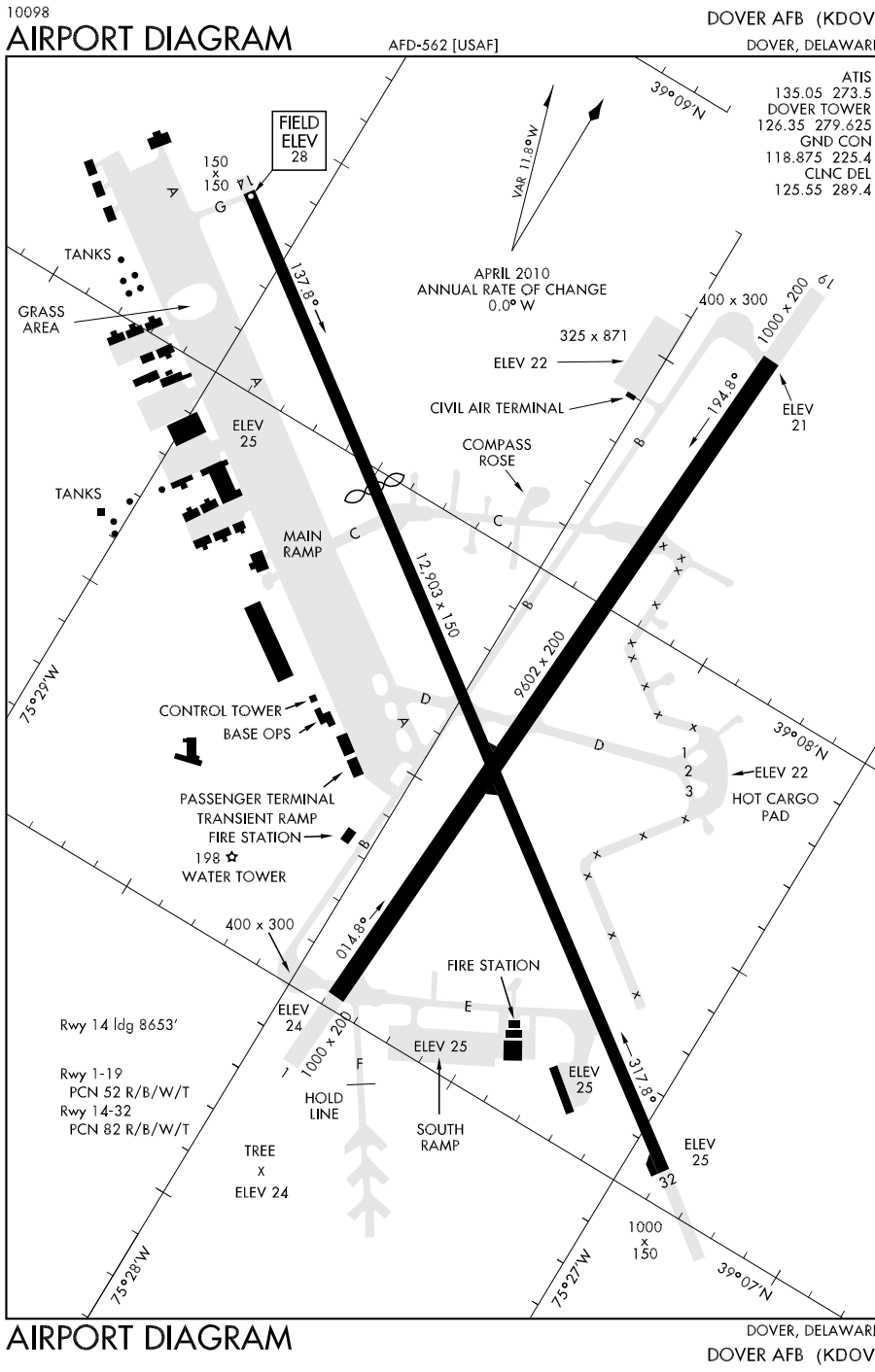


AIRPORT DIAGRAM

07298

CLARKSBURG, WEST VIRGINIA
CLARKSBURG / NORTH CENTRAL WEST VIRGINIA (CKB)


09183
AIRPORT DIAGRAM
AL-5272 (FAA)
DANBURY MUNI (DXR)
DANBURY, CONNECTICUT
ATIS 127.75
DANBURY TOWER ★ 119.4
GND CON 121.6
CLNC DEL 128.6
JANUARY 2005
ANNUAL RATE OF CHANGE
0.0° E
VAR 13.8° W
ELEV 454
26
A5
C4
263.6°
AIRPORT ADMINISTRATION
ELEV 454
35
346.9°
3135 X 100
8-26
AIRPORT MAINTENANCE HANGAR
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
166.9°
17
ELEV 452
A3
C3
4422 X 150
CONTROL TOWER 518
A2
C2
083.6°
C1
8
FIELD ELEV 457
73°28.5'W
73°29.0'W
73°29.5'W
41°22.5'N
41°22.0'N
RWY 8-26 S38, D70, ST90
RWY 17-35 S50, D65, ST82
AIRPORT DIAGRAM
09183
DANBURY, CONNECTICUT
DANBURY MUNI (DXR)

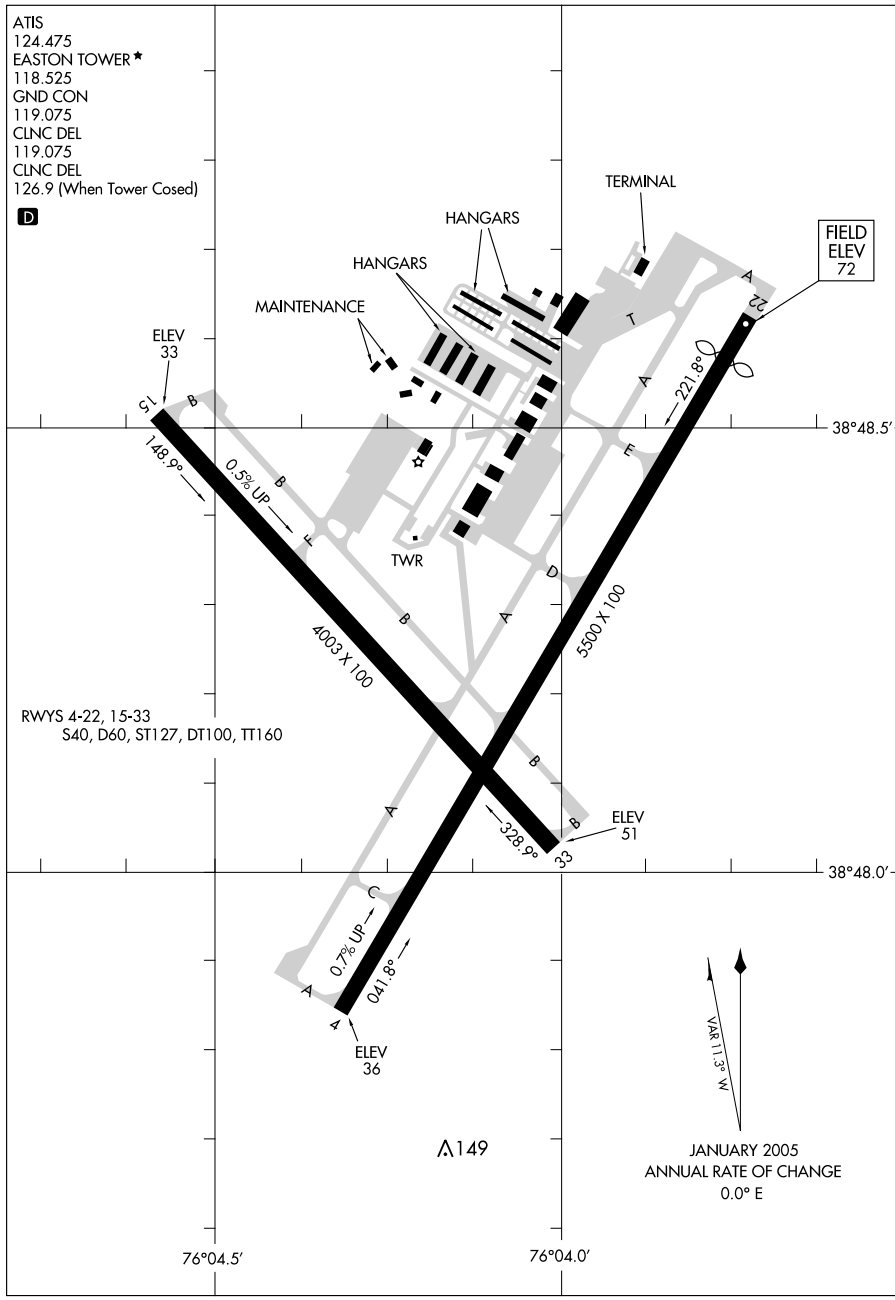

10098
AIRPORT DIAGRAM
AFD-562 [USAF]
DOVER AFB (KDOV)
DOVER, DELAWARE
ATIS
135.05 273.5
DOVER TOWER
126.35 279.625
GND CON
118.875 225.4
CLNC DEL
125.55 289.4
FIELD ELEV 28
150 x 150
VAR 11.8°W
APRIL 2010
ANNUAL RATE OF CHANGE
0.0° W
39°09'N
137.8°
TANKS
GRASS AREA
ELEV 25
TANKS
MAIN RAMP
400 x 300
325 x 871
ELEV 22
CIVIL AIR TERMINAL
COMPASS ROSE
1000 x 200
194.8°
ELEV 21
12,903 x 150
9602 x 200
75°29'W
CONTROL TOWER
BASE OPS
PASSENGER TERMINAL
TRANSIENT RAMP
FIRE STATION
198
WATER TOWER
39°08'N
ELEV 22
HOT CARGO PAD
400 x 300
014.8°
FIRE STATION
ELEV 24
Rwy 14 ldg 8653'
1000 x 200
ELEV 25
Rwy 1-19
PCN 52 R/B/W/T
Rwy 14-32
PCN 82 R/B/W/T
HOLD LINE
SOUTH RAMP
317.8°
ELEV 25
TREE
X
ELEV 24
ELEV 25
32
1000 x 150
75°28'W
75°27'W
39°07'N
AIRPORT DIAGRAM
DOVER, DELAWARE
DOVER AFB (KDOV)

09127

AIRPORT DIAGRAM

AL-5596 (FAA)

EASTON/NEWNAM FIELD (ESN)
EASTON, MARYLAND



AIRPORT DIAGRAM

09127

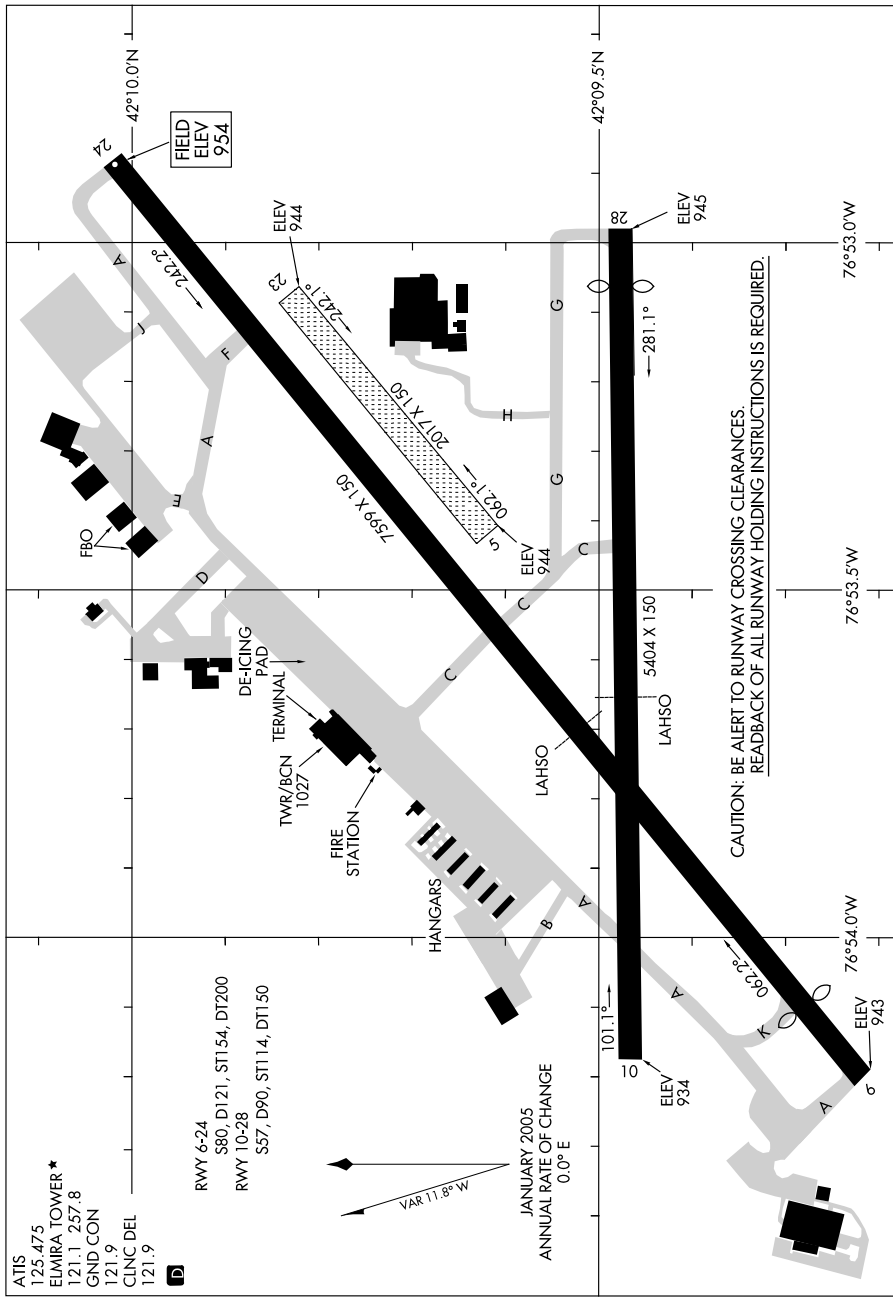
EASTON, MARYLAND
EASTON/NEWNAM FIELD (ESN)

10042

AIRPORT DIAGRAM

AL-131 (FAA)

ELMIRA/CORNING RGNL (ELM)
ELMIRA, NEW YORK



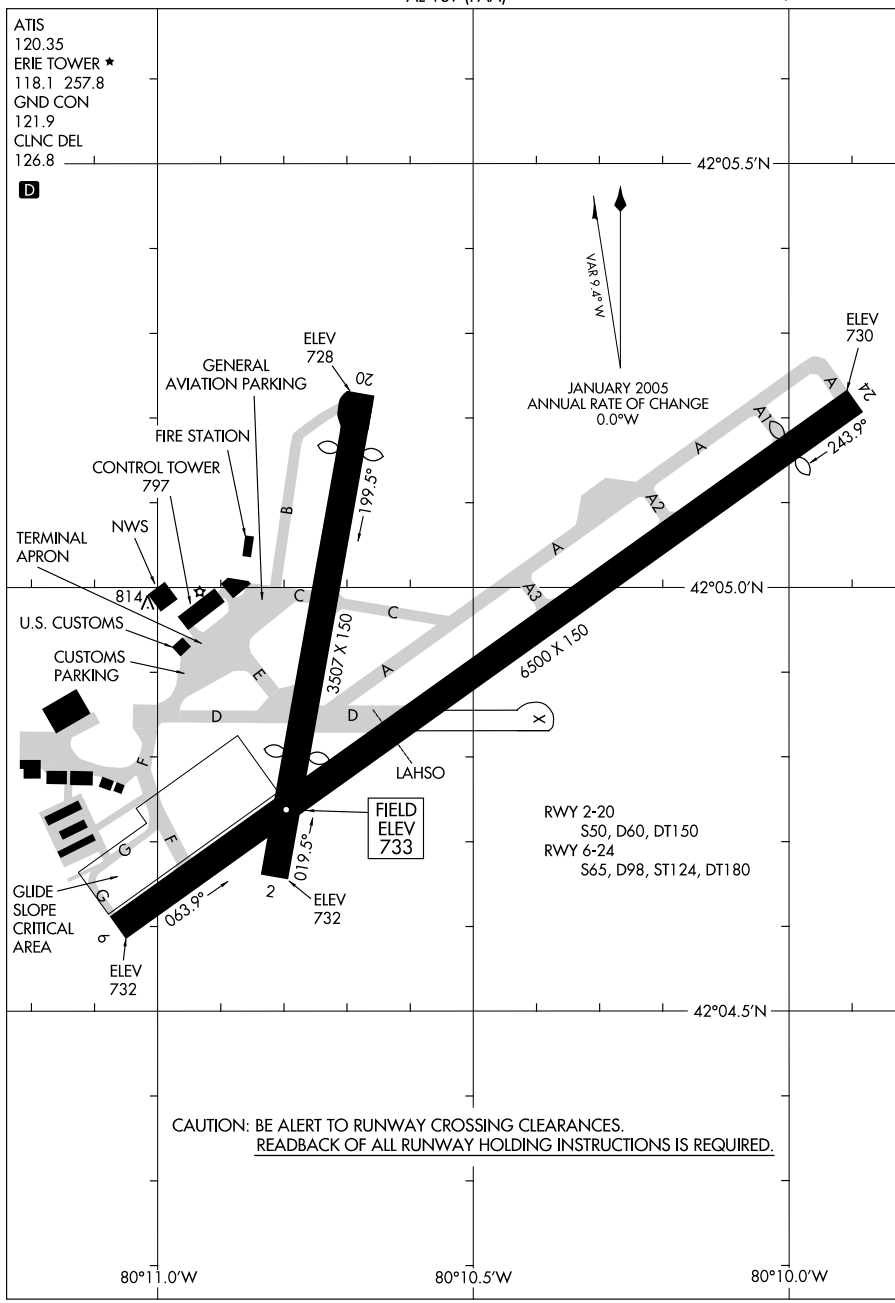
AIRPORT DIAGRAM
10042
ELMIRA, NEW YORK
ELMIRA/CORNING RGNL (ELM)

09015

AIRPORT DIAGRAM

AL-139 (FAA)

ERIE INTL/TOM RIDGE FIELD (ERI)
ERIE, PENNSYLVANIA



AIRPORT DIAGRAM

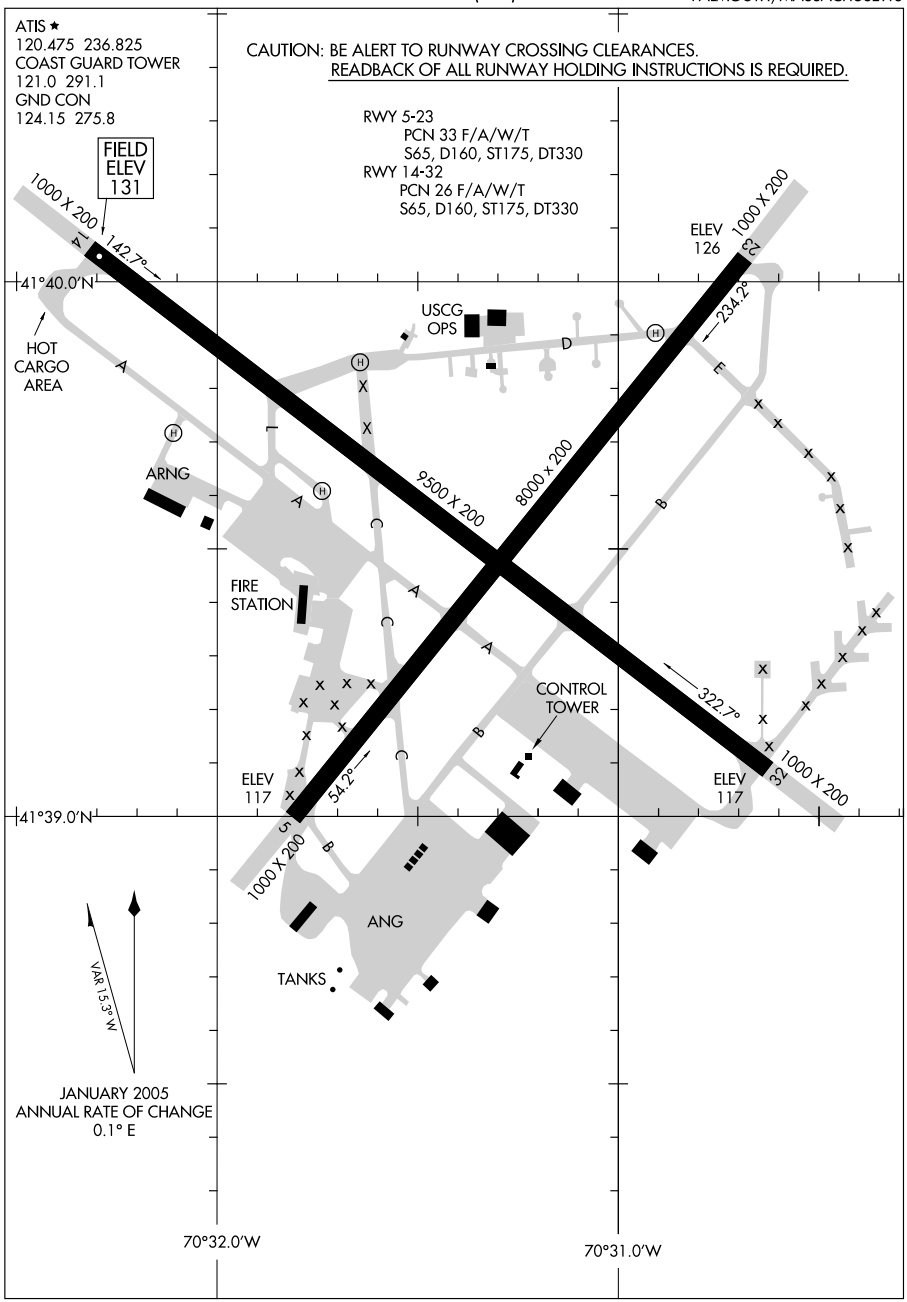
09015

ERIE, PENNSYLVANIA
ERIE INTL/TOM RIDGE FIELD (ERI)

09183

AIRPORT DIAGRAM

FALMOUTH/CAPE COD COAST GUARD AIR STATION (FMH)
AL-10362 (FAA)
FALMOUTH, MASSACHUSETTS



AIRPORT DIAGRAM

FALMOUTH, MASSACHUSETTS
FALMOUTH/ CAPE COD COAST GUARD AIR STATION (FMH)

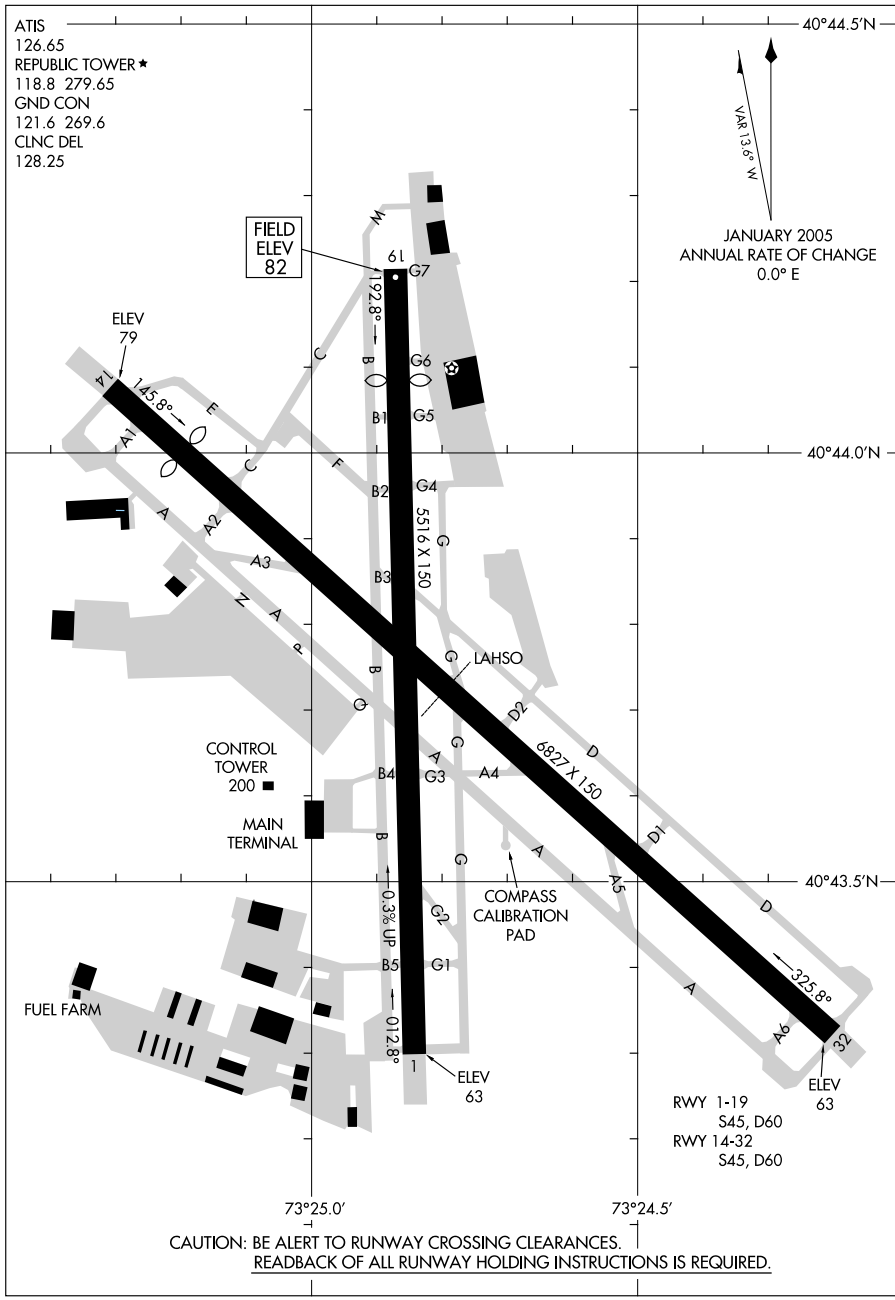
09183

09015

AIRPORT DIAGRAM

AL-704 (FAA)

FARMINGDALE / REPUBLIC (FRG)
FARMINGDALE, NEW YORK



AIRPORT DIAGRAM

09015

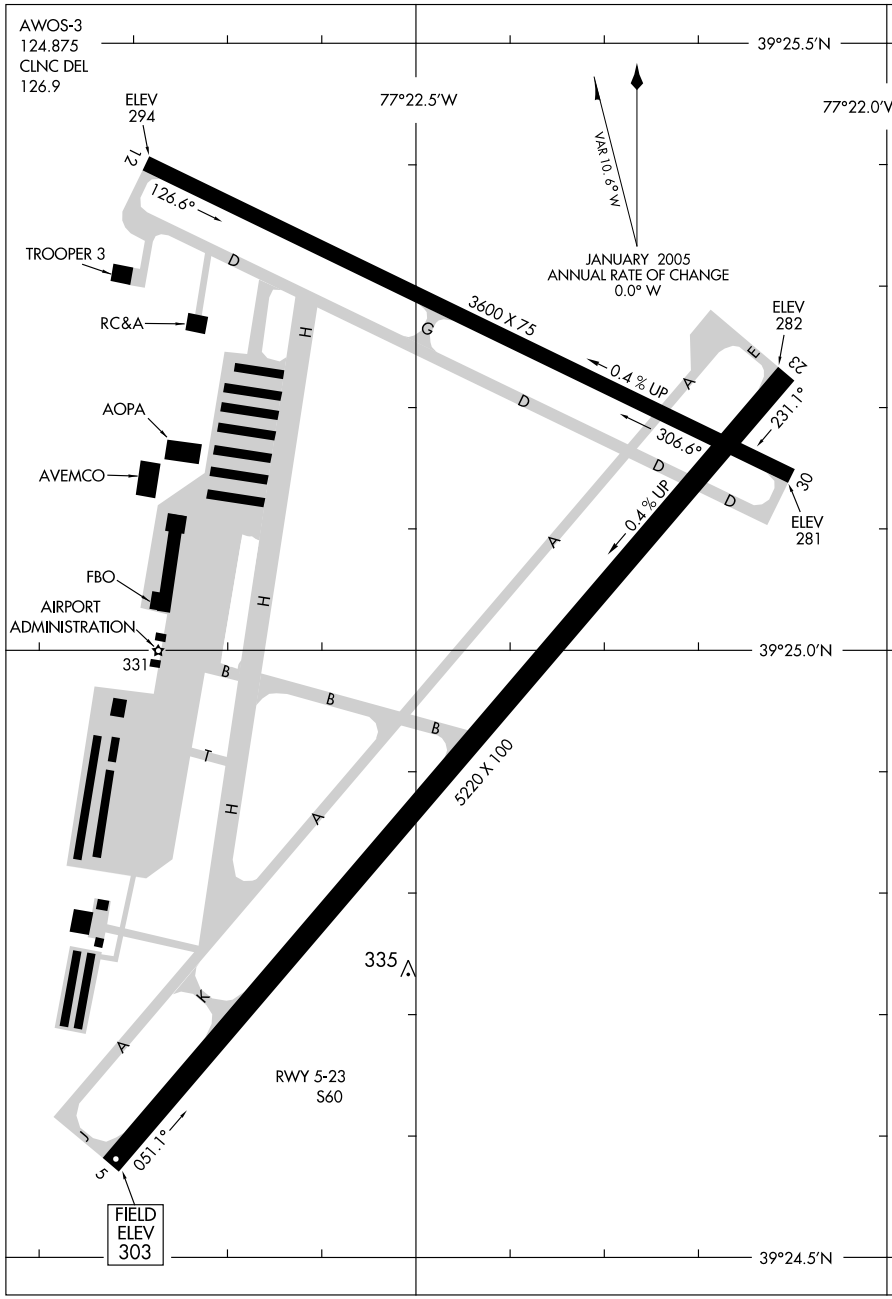
FARMINGDALE, NEW YORK
FARMINGDALE / REPUBLIC (FRG)

09351

AIRPORT DIAGRAM

AL-5089 (FAA)

FREDERICK MUNI (FDK)
FREDERICK, MARYLAND



AIRPORT DIAGRAM

FREDERICK, MARYLAND
FREDERICK MUNI (FDK)

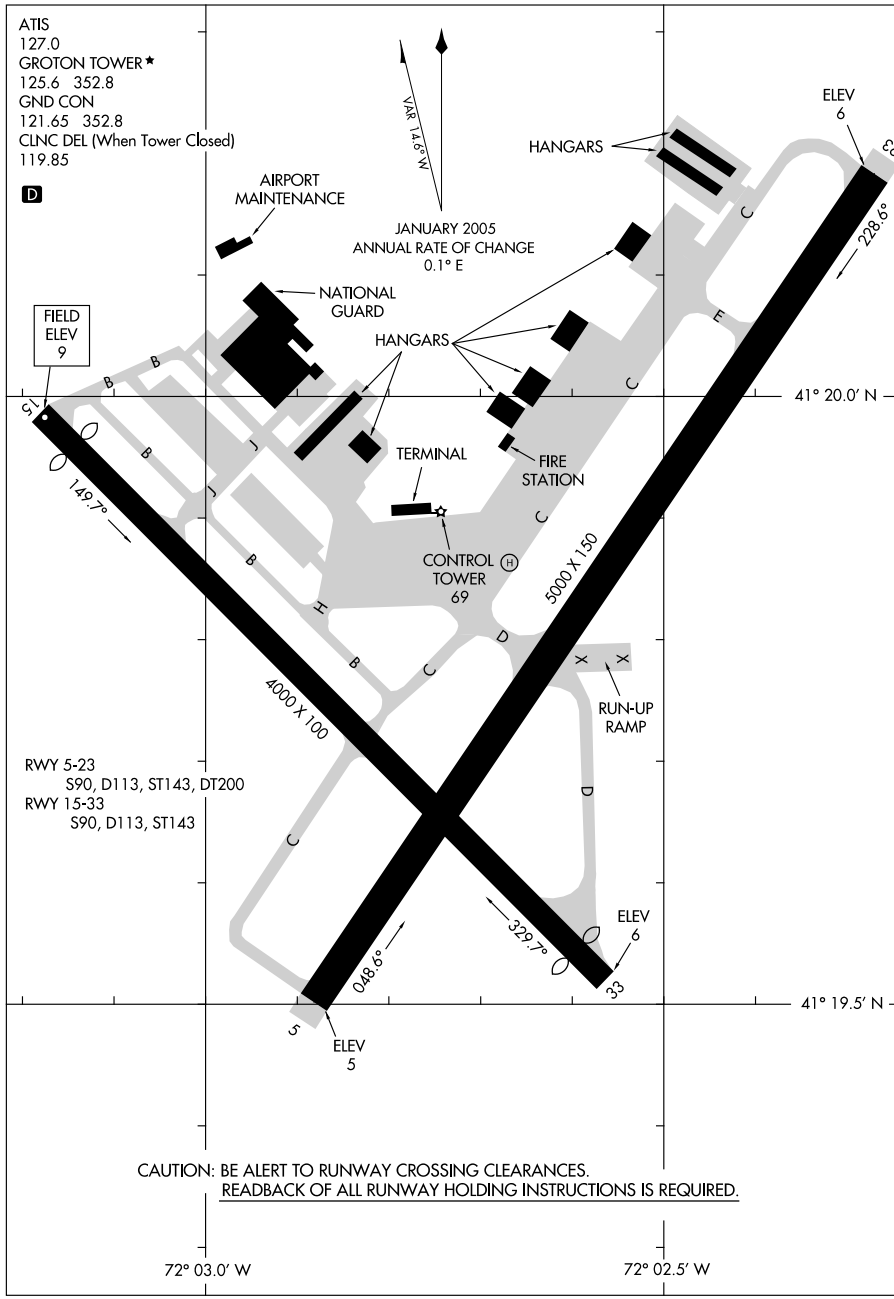
09351

09071

AIRPORT DIAGRAM

AL-5049 (FAA)

GROTON-NEW LONDON (GON)
GROTON (NEW LONDON), CONNECTICUT



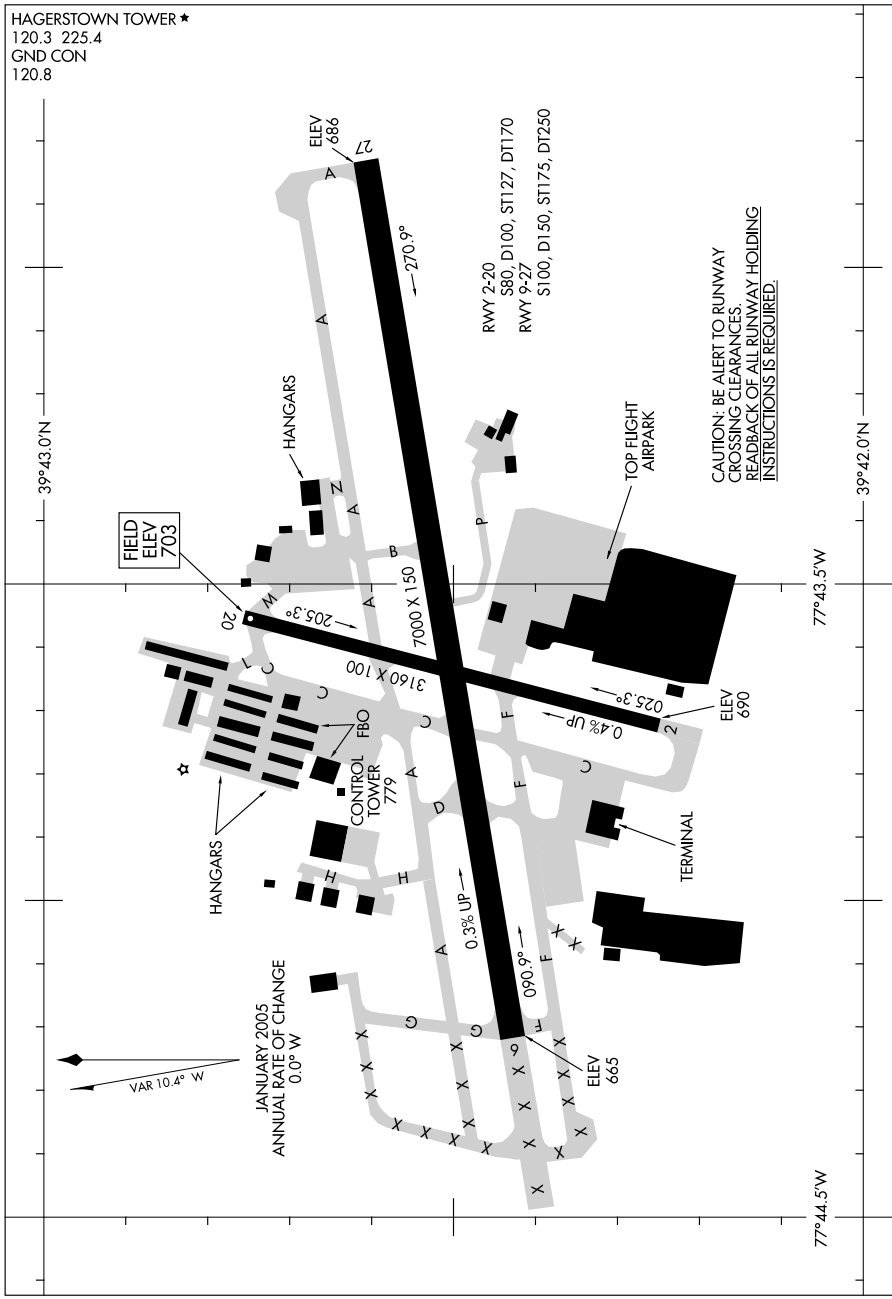
AIRPORT DIAGRAM
09071

GROTON (NEW LONDON), CONNECTICUT
GROTON-NEW LONDON (GON)

09015

AIRPORT DIAGRAM

HAGERSTOWN RGNL-RICHARD A HENSON FIELD (HGR)
AL-5114 (FAA)
HAGERSTOWN, MARYLAND



AIRPORT DIAGRAM

09015

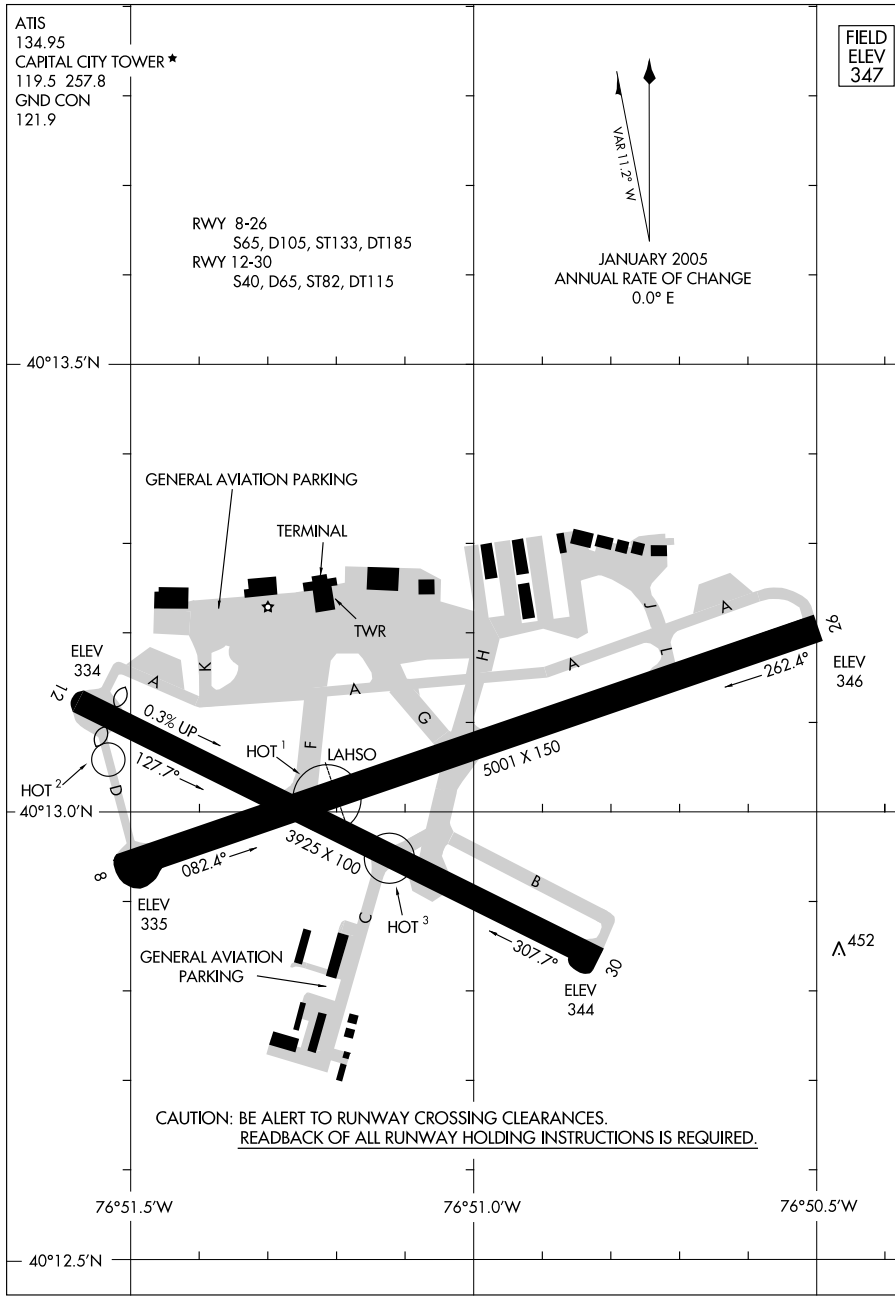
HAGERSTOWN, MARYLAND
HAGERSTOWN RGNL-RICHARD A HENSON FIELD (HGR)

10042

AIRPORT DIAGRAM

AL-187 (FAA)

HARRISBURG / CAPITAL CITY (CXY)
HARRISBURG, PENNSYLVANIA



AIRPORT DIAGRAM

10042

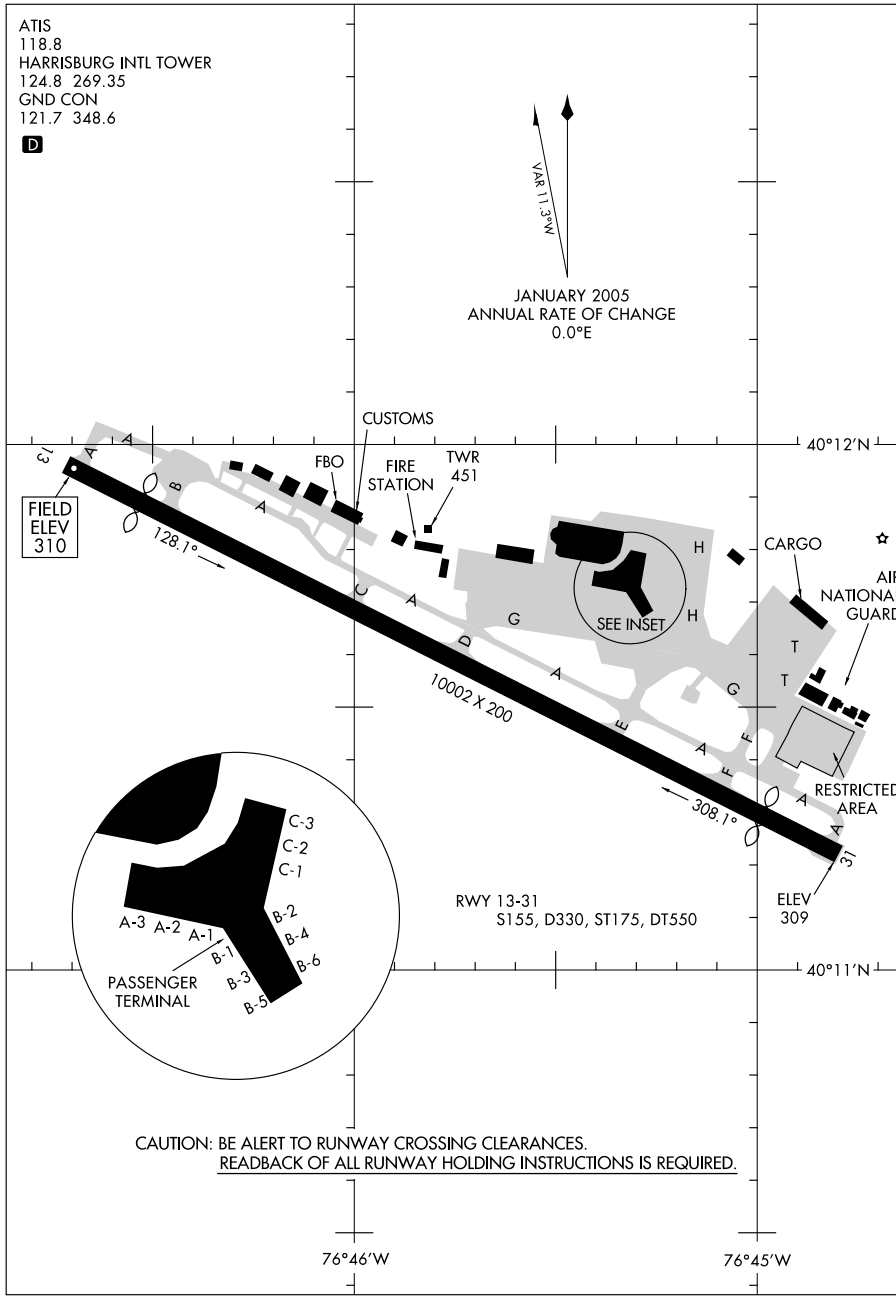
HARRISBURG, PENNSYLVANIA
HARRISBURG / CAPITAL CITY (CXY)

10098

AIRPORT DIAGRAM

AL-188 (FAA)

HARRISBURG INTL (MDT)
HARRISBURG, PENNSYLVANIA



AIRPORT DIAGRAM

10098

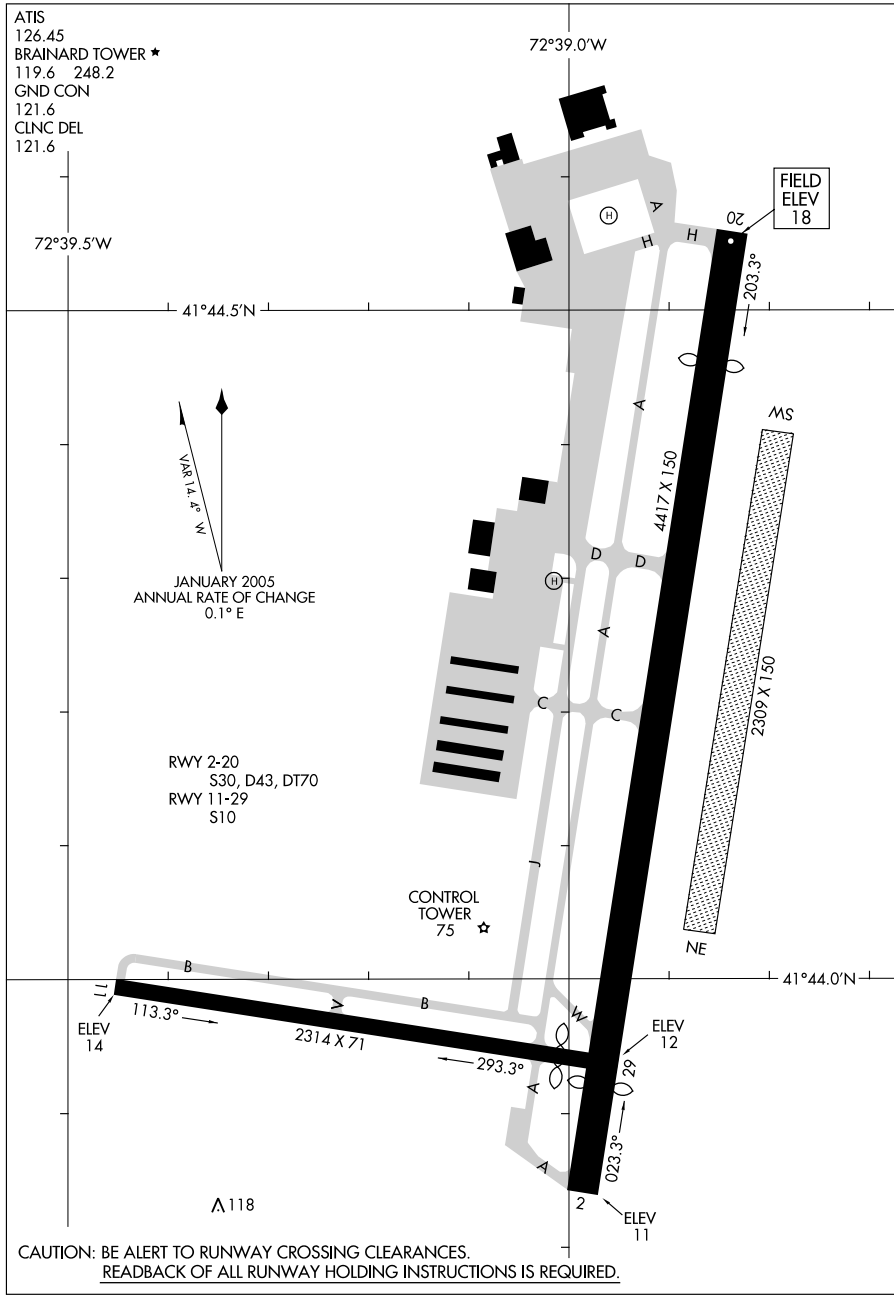
HARRISBURG, PENNSYLVANIA
HARRISBURG INTL (MDT)

09015

AIRPORT DIAGRAM

AL-189 (FAA)

HARTFORD-BRAINARD (HFD)
HARTFORD, CONNECTICUT



AIRPORT DIAGRAM

09015

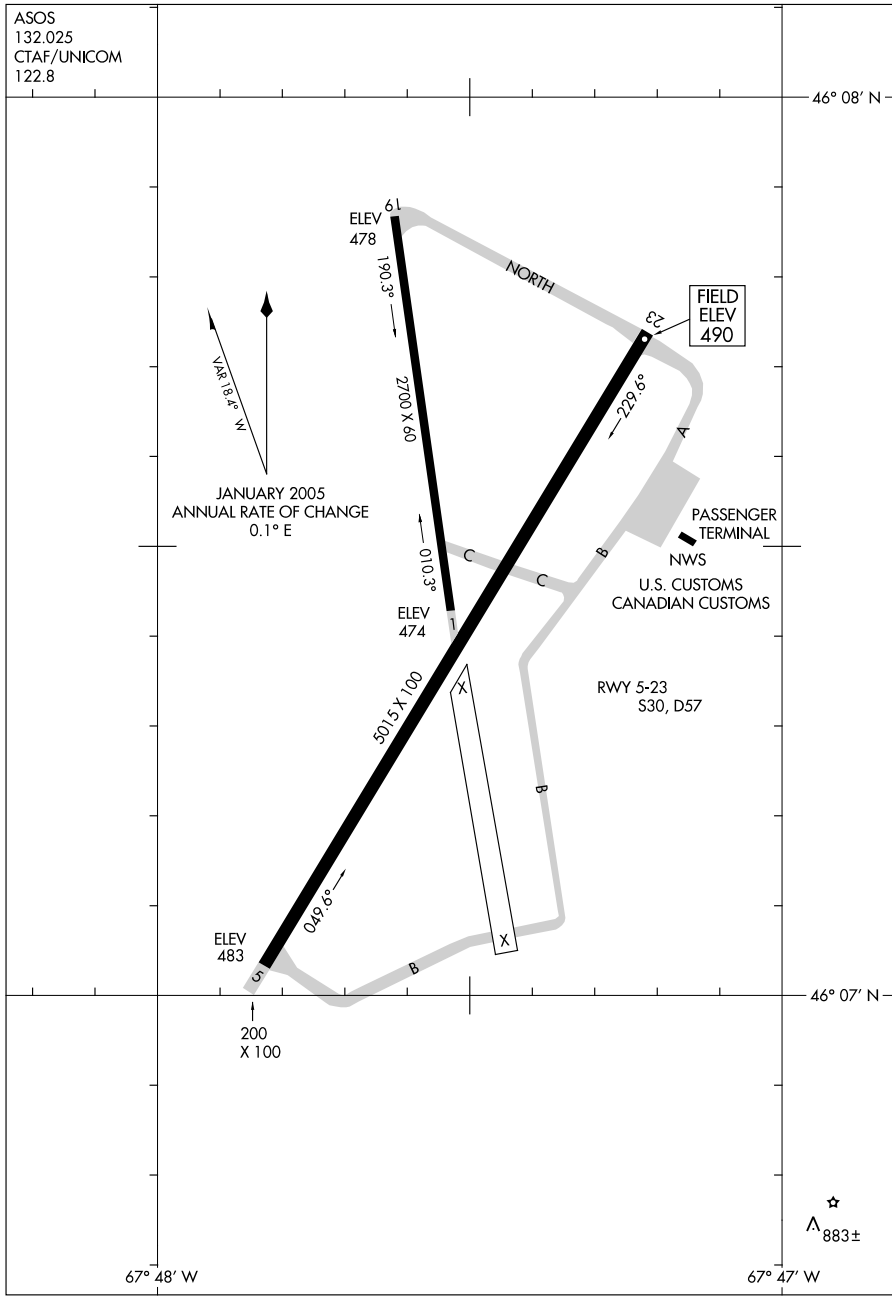
HARTFORD, CONNECTICUT
HARTFORD-BRAINARD (HFD)

10098

AIRPORT DIAGRAM

AL-196 (FAA)

HOULTON INTL (HUL)
HOULTON, MAINE



AIRPORT DIAGRAM

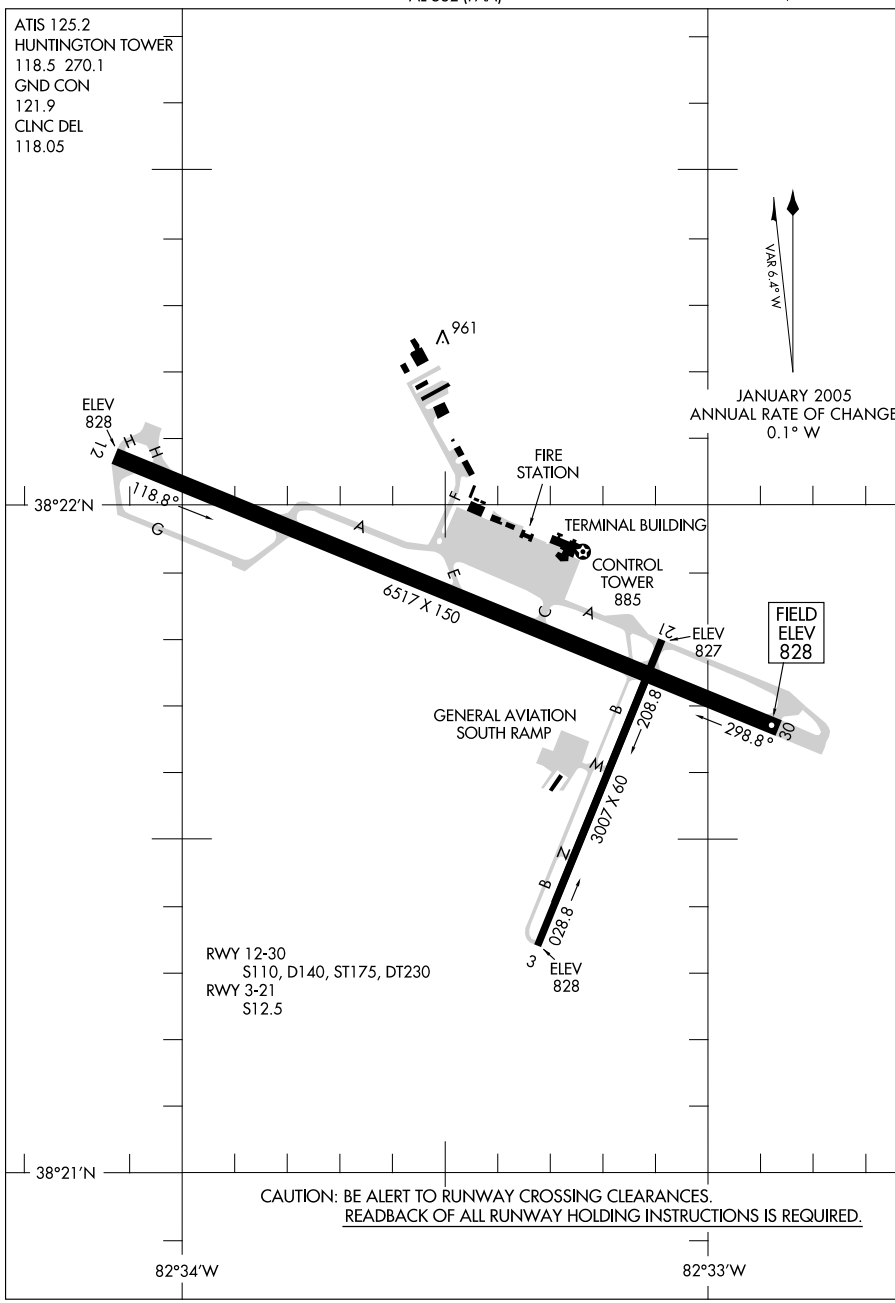
10098

HOULTON, MAINE
HOULTON INTL (HUL)

07074

AIRPORT DIAGRAM

HUNTINGTON/ TRI-STATE/MILTON J. FERGUSON FIELD (HTS)
AL-532 (FAA)
HUNTINGTON, WEST VIRGINIA



AIRPORT DIAGRAM

07074

HUNTINGTON, WEST VIRGINIA
HUNTINGTON/ TRI-STATE/MILTON J. FERGUSON FIELD (HTS)

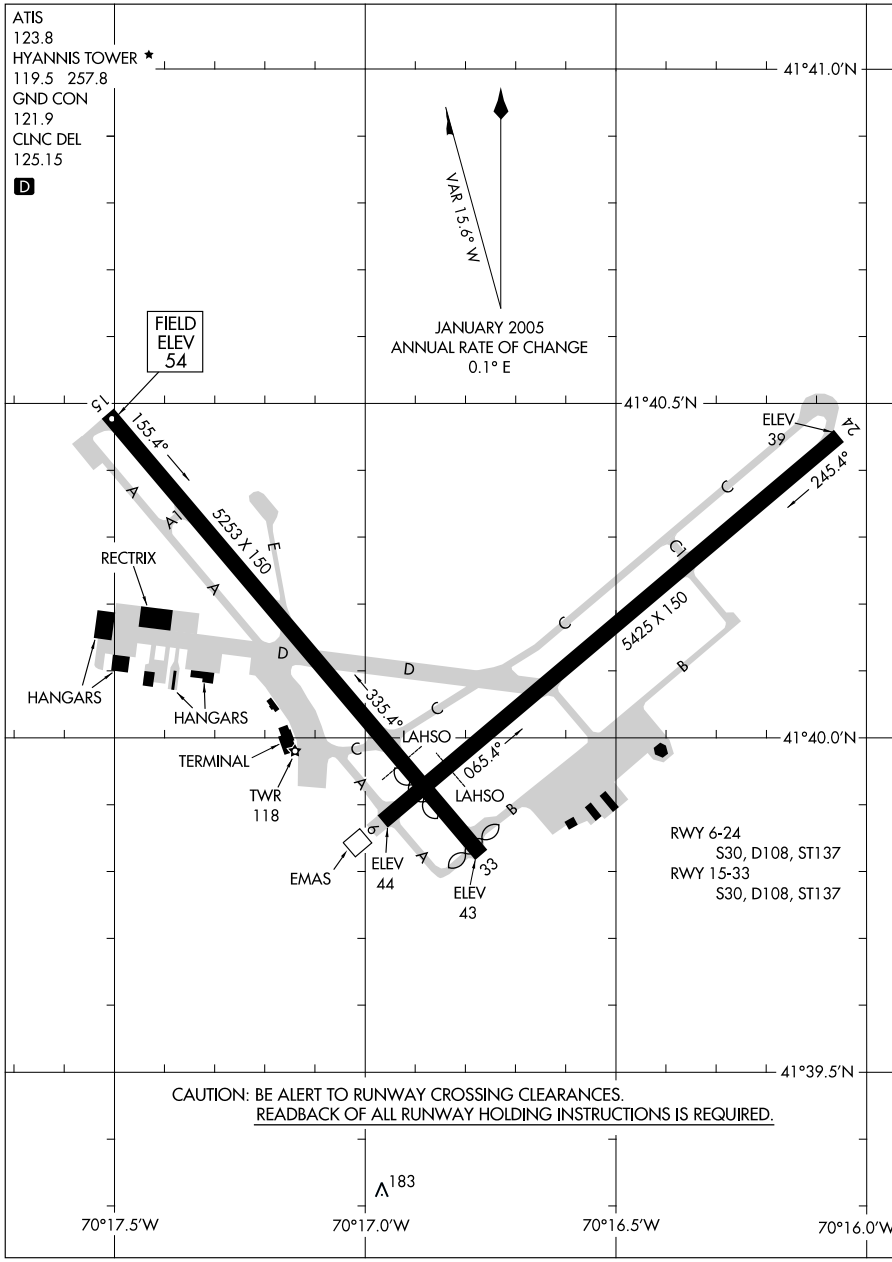
10042

AIRPORT DIAGRAM

HYANNIS/ BARNSTABLE MUNI-BOARDMAN/POLANDO FIELD (HYA)

AL-675 (FAA)

HYANNIS, MASSACHUSETTS



AIRPORT DIAGRAM

HYANNIS, MASSACHUSETTS

10042

HYANNIS/ BARNSTABLE MUNI-BOARDMAN/POLANDO FIELD (HYA)

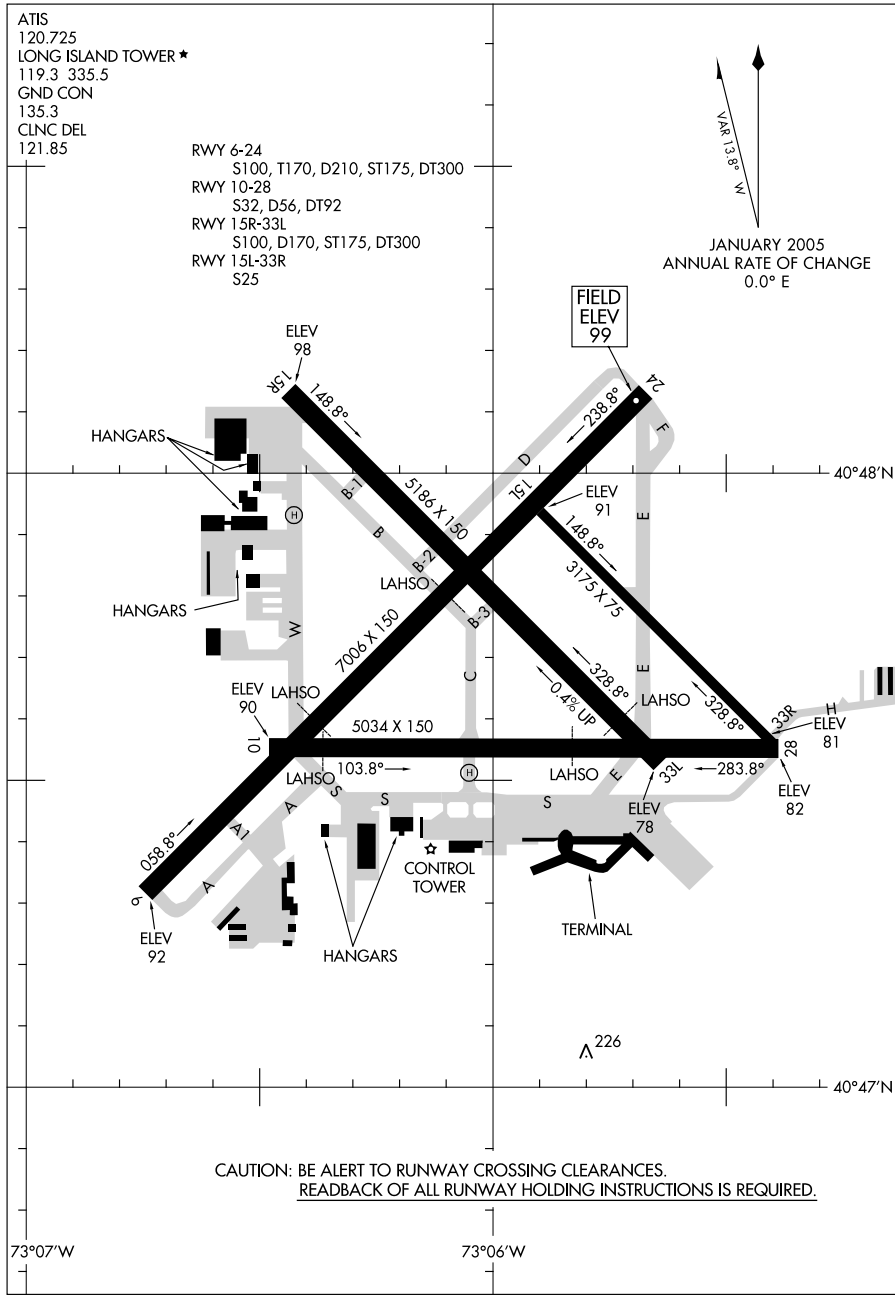
09183

AIRPORT DIAGRAM

ISLIP/ LONG ISLAND MACARTHUR (ISP)

AL-948 (FAA)

ISLIP, NEW YORK



AIRPORT DIAGRAM

09183

ISLIP, NEW YORK

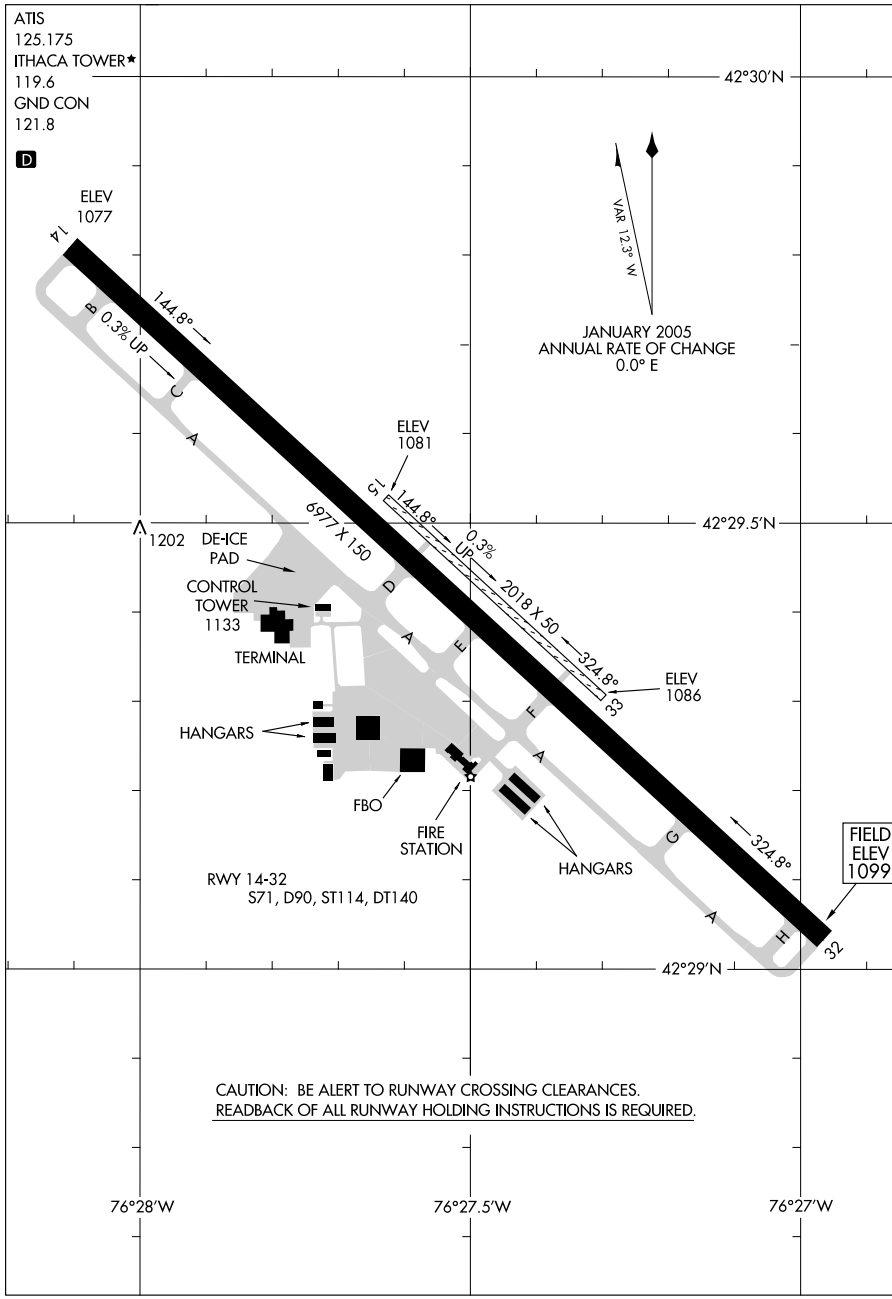
ISLIP/LONG ISLAND MACARTHUR (ISP)

09239

AIRPORT DIAGRAM

AL-779 (FAA)

ITHACA TOMPKINS RGNL (ITH)
ITHACA, NEW YORK



AIRPORT DIAGRAM

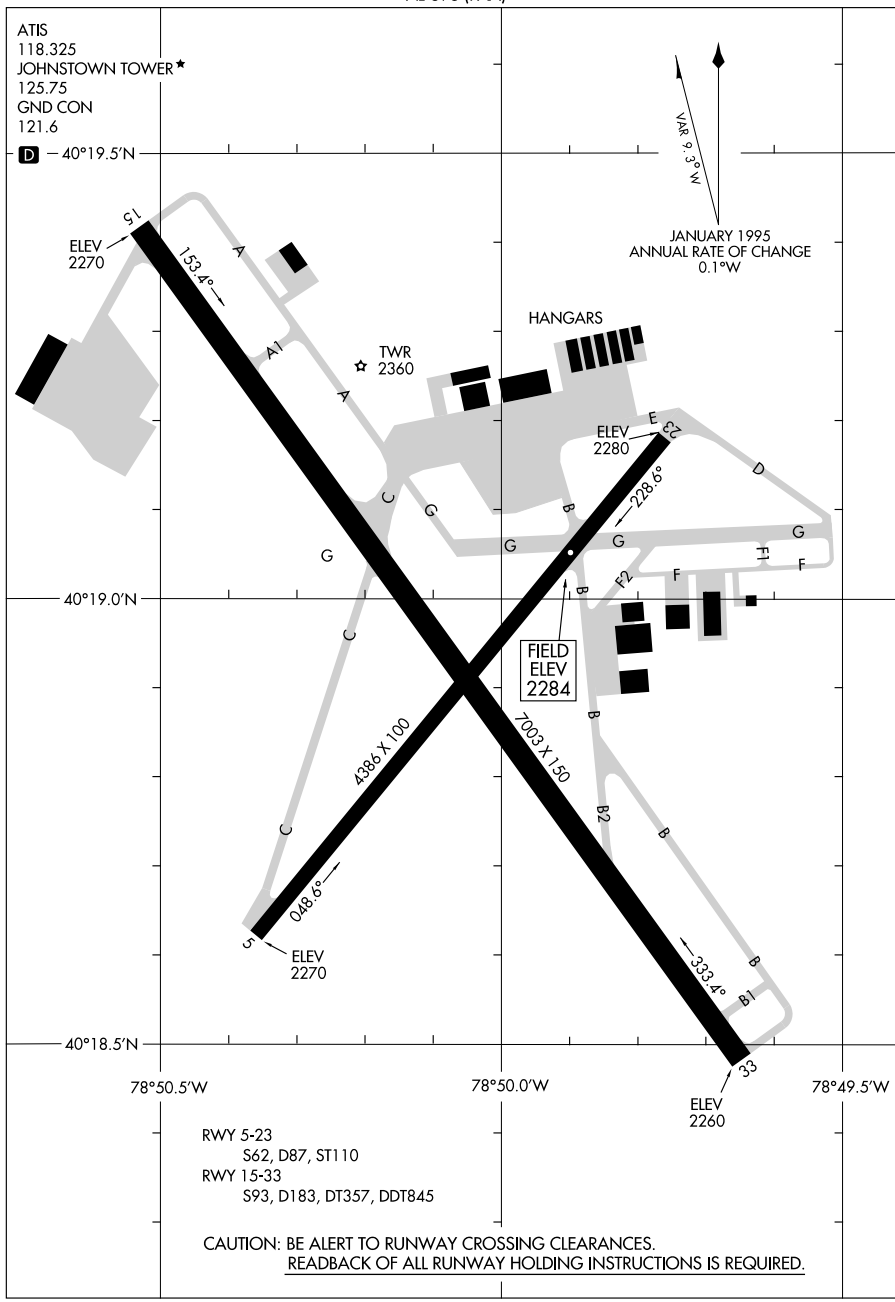
09239

ITHACA, NEW YORK
ITHACA TOMPKINS RGNL (ITH)

10098

AIRPORT DIAGRAM

JOHNSTOWN / JOHN MURTHA JOHNSTOWN-CAMBRIA COUNTY (JST)
AL-898 (FAA)
JOHNSTOWN, PENNSYLVANIA



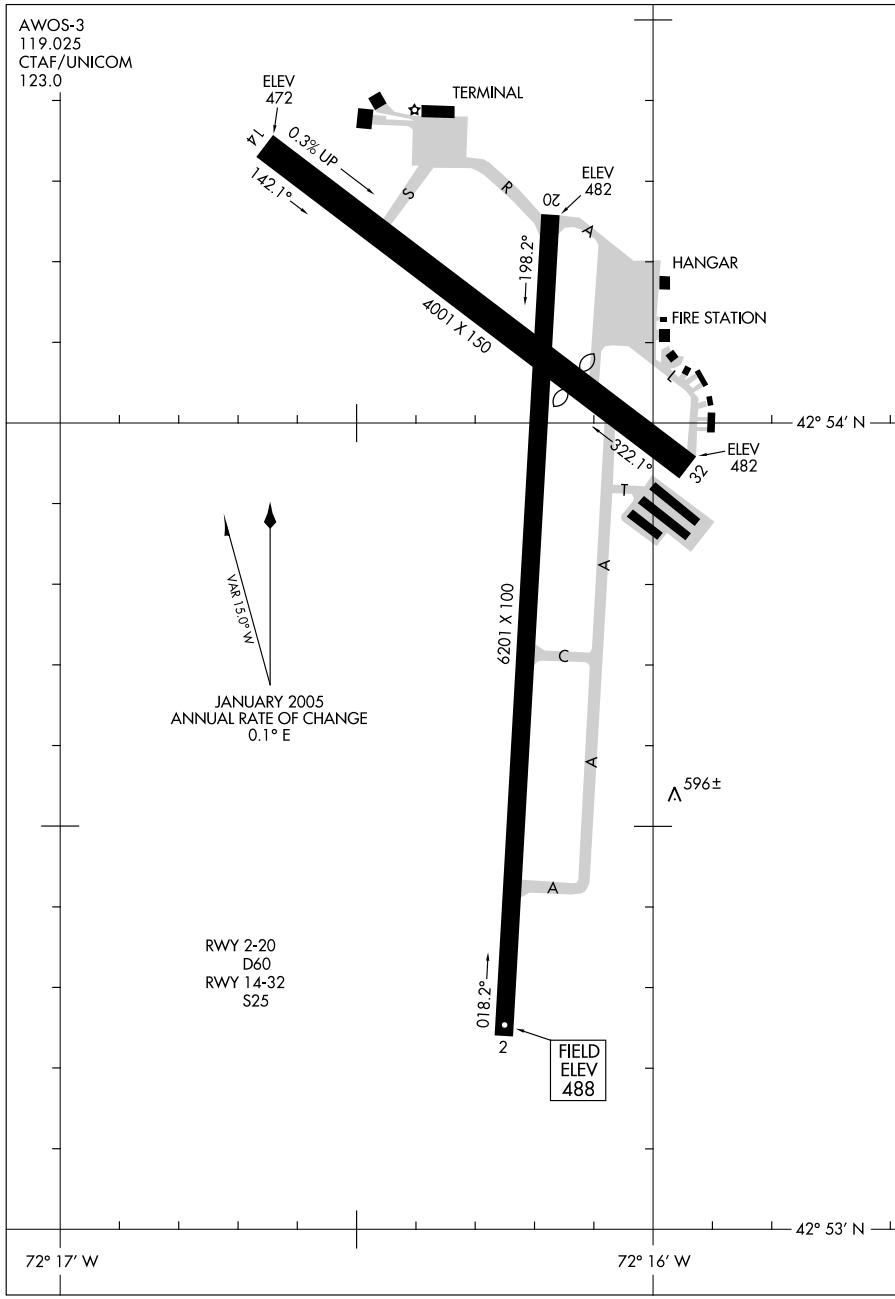
AIRPORT DIAGRAM
JOHNSTOWN / JOHN MURTHA JOHNSTOWN-CAMBRIA COUNTY (JST)
JOHNSTOWN, PENNSYLVANIA
10098

10098

AIRPORT DIAGRAM

AL-868 (FAA)

KEENE / DILLANT-HOPKINS (EEN)
KEENE, NEW HAMPSHIRE



AIRPORT DIAGRAM

10098

KEENE, NEW HAMPSHIRE
KEENE / DILLANT-HOPKINS (EEN)

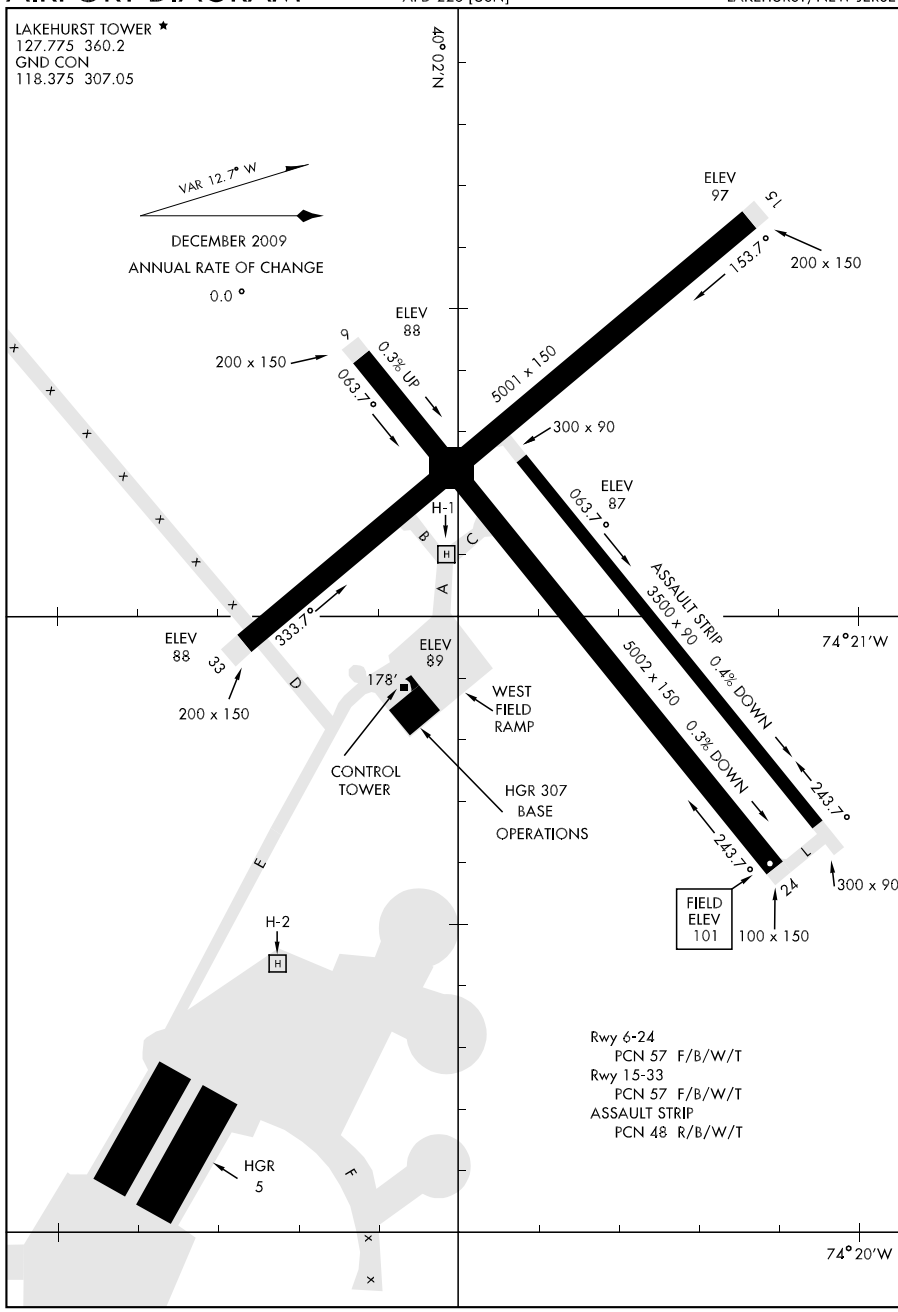
09351

AIRPORT DIAGRAM

LAKEHURST NAES (MAXFIELD FLD) (KNEL)

AFD-223 [USN]

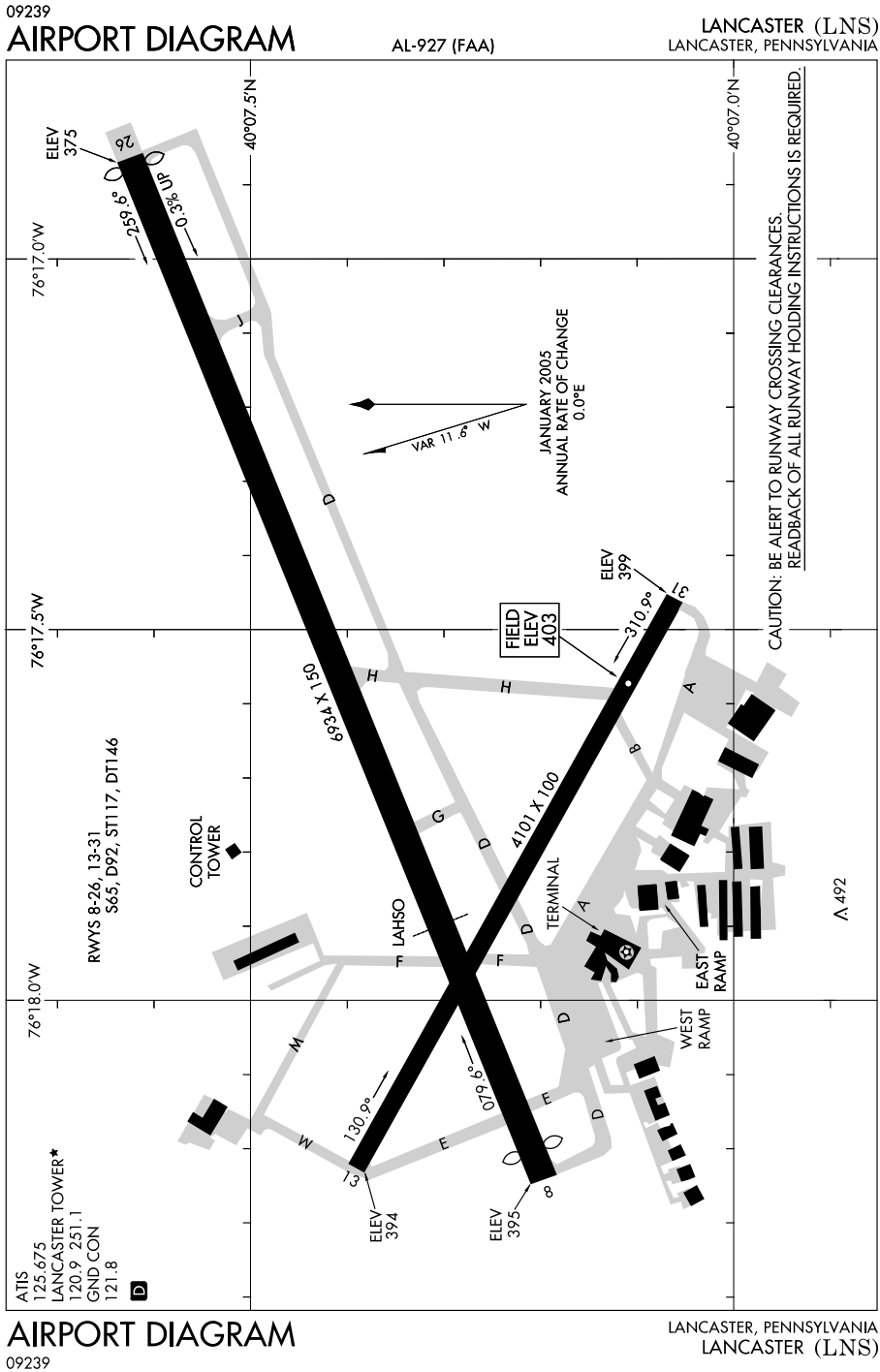
LAKEHURST, NEW JERSEY

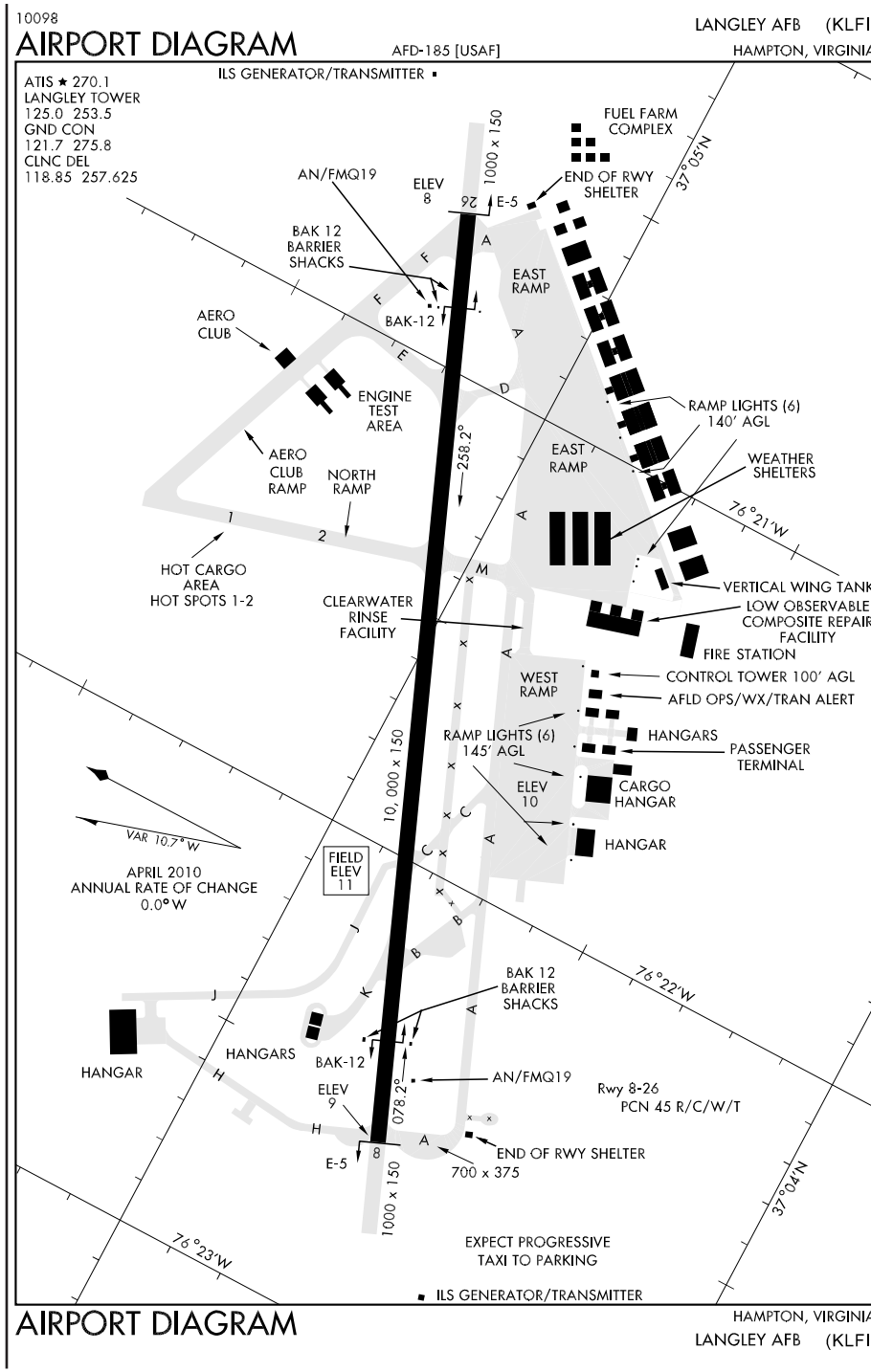


AIRPORT DIAGRAM

LAKEHURST, NEW JERSEY

LAKEHURST NAES (MAXFIELD FLD) (KNEL)


09239
AIRPORT DIAGRAM
AL-927 (FAA)
LANCASTER (LNS)
LANCASTER, PENNSYLVANIA
40°07.5'N
40°07.0'N
76°17.0'W
76°17.5'W
76°18.0'W
ELEV 375
26
259.6°
0.3% UP
VAR 11.6° W
JANUARY 2005
ANNUAL RATE OF CHANGE
0.0°E
ELEV 399
31
310.9°
FIELD ELEV 403
693 X 150
4101 X 100
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
RWYS 8-26, 13-31
S65, D92, ST117, DT146
CONTROL TOWER
LAHSO
TERMINAL
EAST RAMP
WEST RAMP
492
130.9°
079.6°
13
8
ELEV 394
ELEV 395
ATIS
125.675
LANCASTER TOWER*
120.9 251.1
GND CON
121.8
D
AIRPORT DIAGRAM
09239
LANCASTER, PENNSYLVANIA
LANCASTER (LNS)

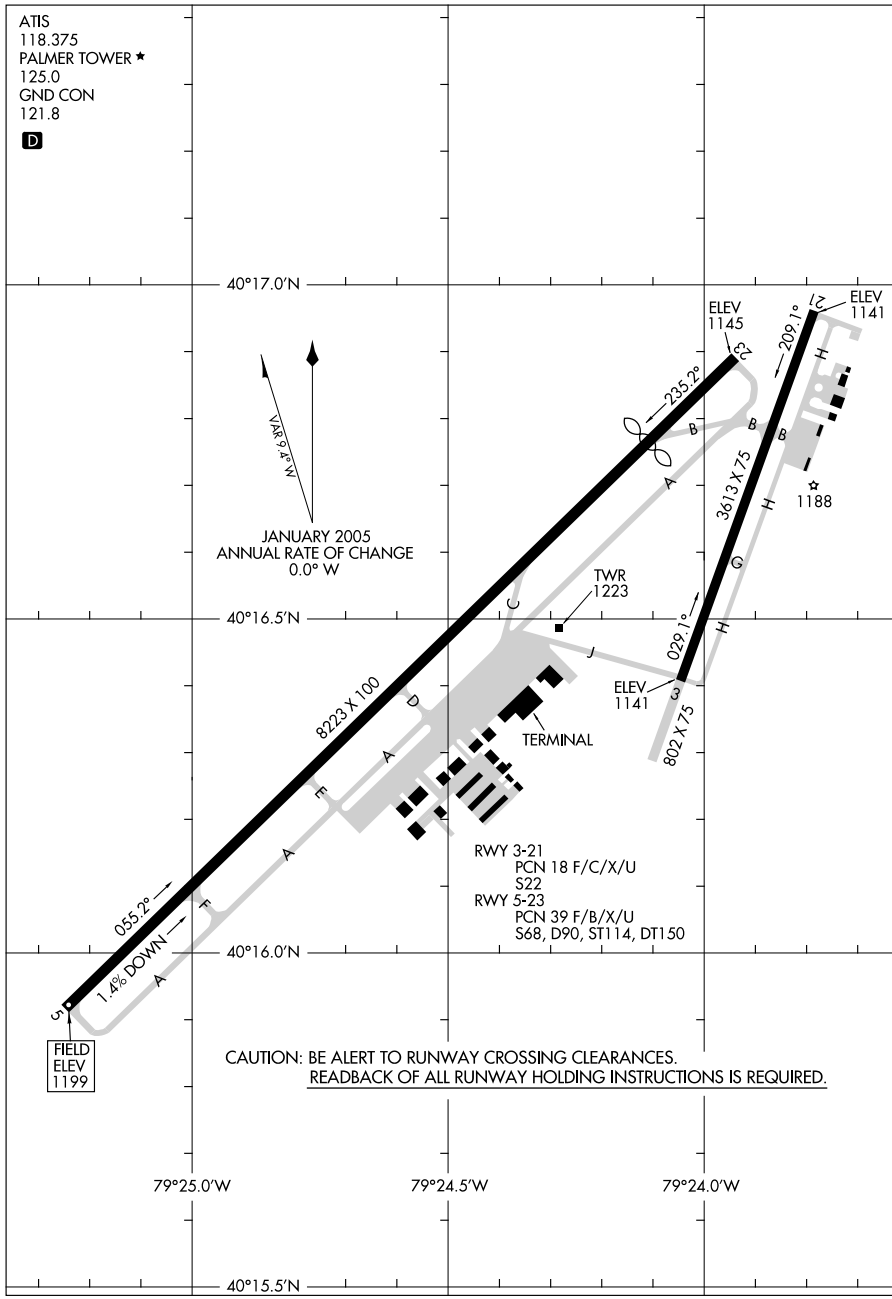

10098
AIRPORT DIAGRAM
AFD-185 [USAF]
LANGLEY AFB (KLFI)
HAMPTON, VIRGINIA
ILS GENERATOR/TRANSMITTER
ATIS ★ 270.1
LANGLEY TOWER
125.0 253.5
GND CON
121.7 275.8
CLNC DEL
118.85 257.625
AN/FMQ19
ELEV 8
1000 x 150
26
E-5
FUEL FARM COMPLEX
END OF RWY SHELTER
37°05'N
BAK 12 BARRIER SHACKS
EAST RAMP
BAK-12
AERO CLUB
ENGINE TEST AREA
RAMP LIGHTS (6) 140' AGL
AERO CLUB RAMP
NORTH RAMP
258.2°
EAST RAMP
WEATHER SHELTERS
76°21'W
HOT CARGO AREA HOT SPOTS 1-2
CLEARWATER RINSE FACILITY
VERTICAL WING TANK
LOW OBSERVABLE COMPOSITE REPAIR FACILITY
FIRE STATION
WEST RAMP
CONTROL TOWER 100' AGL
AFLD OPS/WX/TRAN ALERT
RAMP LIGHTS (6) 145' AGL
HANGARS
PASSENGER TERMINAL
10, 000 x 150
ELEV 10
CARGO HANGAR
HANGAR
VAR 10.7°W
APRIL 2010
ANNUAL RATE OF CHANGE
0.0° W
FIELD ELEV 11
BAK 12 BARRIER SHACKS
76°22'W
HANGAR
HANGARS
BAK-12
AN/FMQ19
ELEV 9
078.2°
Rwy 8-26
PCN 45 R/C/W/T
E-5
8
END OF RWY SHELTER
700 x 375
1000 x 150
37°04'N
76°23'W
EXPECT PROGRESSIVE TAXI TO PARKING
ILS GENERATOR/TRANSMITTER
AIRPORT DIAGRAM
HAMPTON, VIRGINIA
LANGLEY AFB (KLFI)

10098

AIRPORT DIAGRAM

AL-5125 (FAA)

LATROBE/ ARNOLD PALMER RGNL (LBE)
LATROBE, PENNSYLVANIA



AIRPORT DIAGRAM

LATROBE, PENNSYLVANIA
LATROBE/ARNOLD PALMER RGNL (LBE)

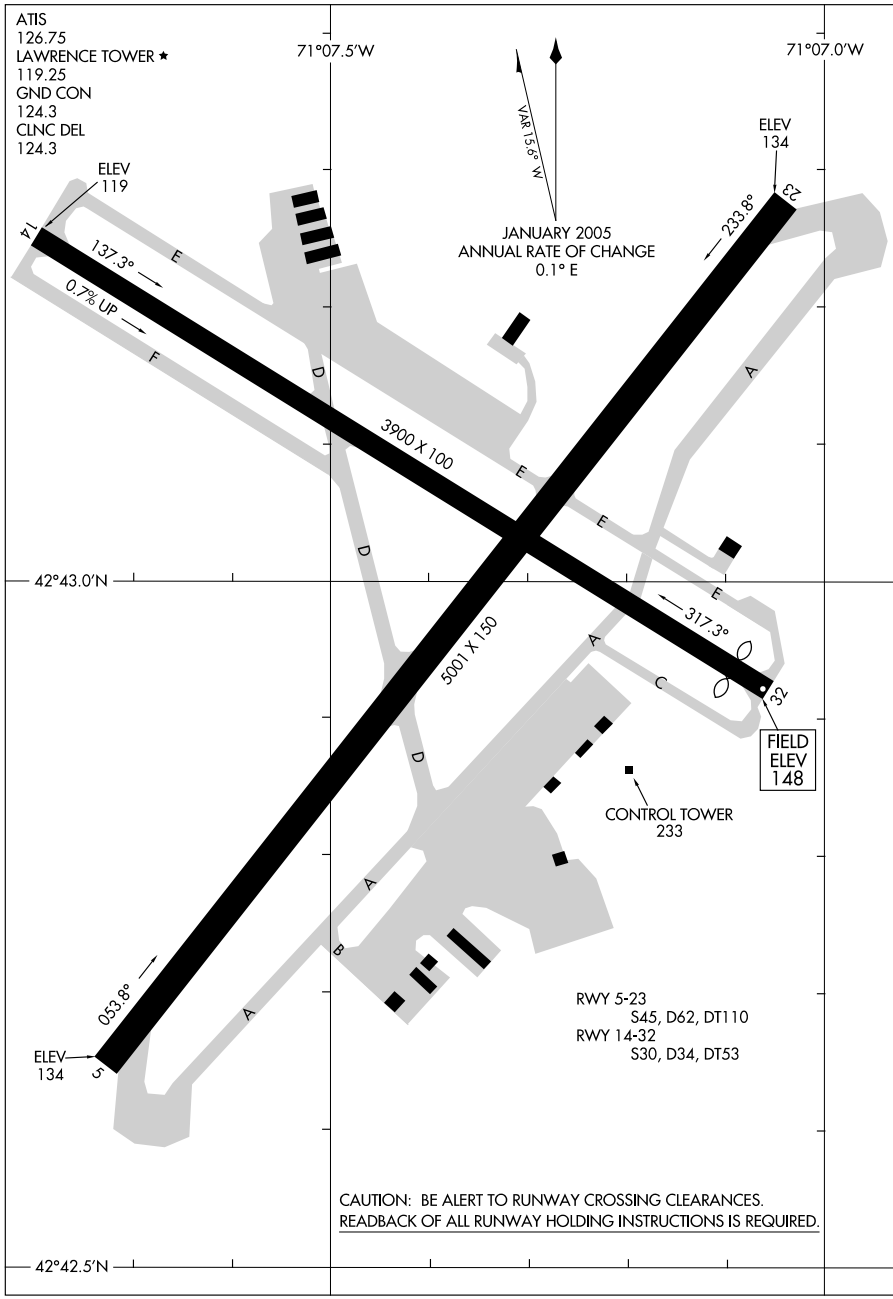
10098

09015

AIRPORT DIAGRAM

AL-654 (FAA)

LAWRENCE MUNI (LWM)
LAWRENCE, MASSACHUSETTS



AIRPORT DIAGRAM

09015

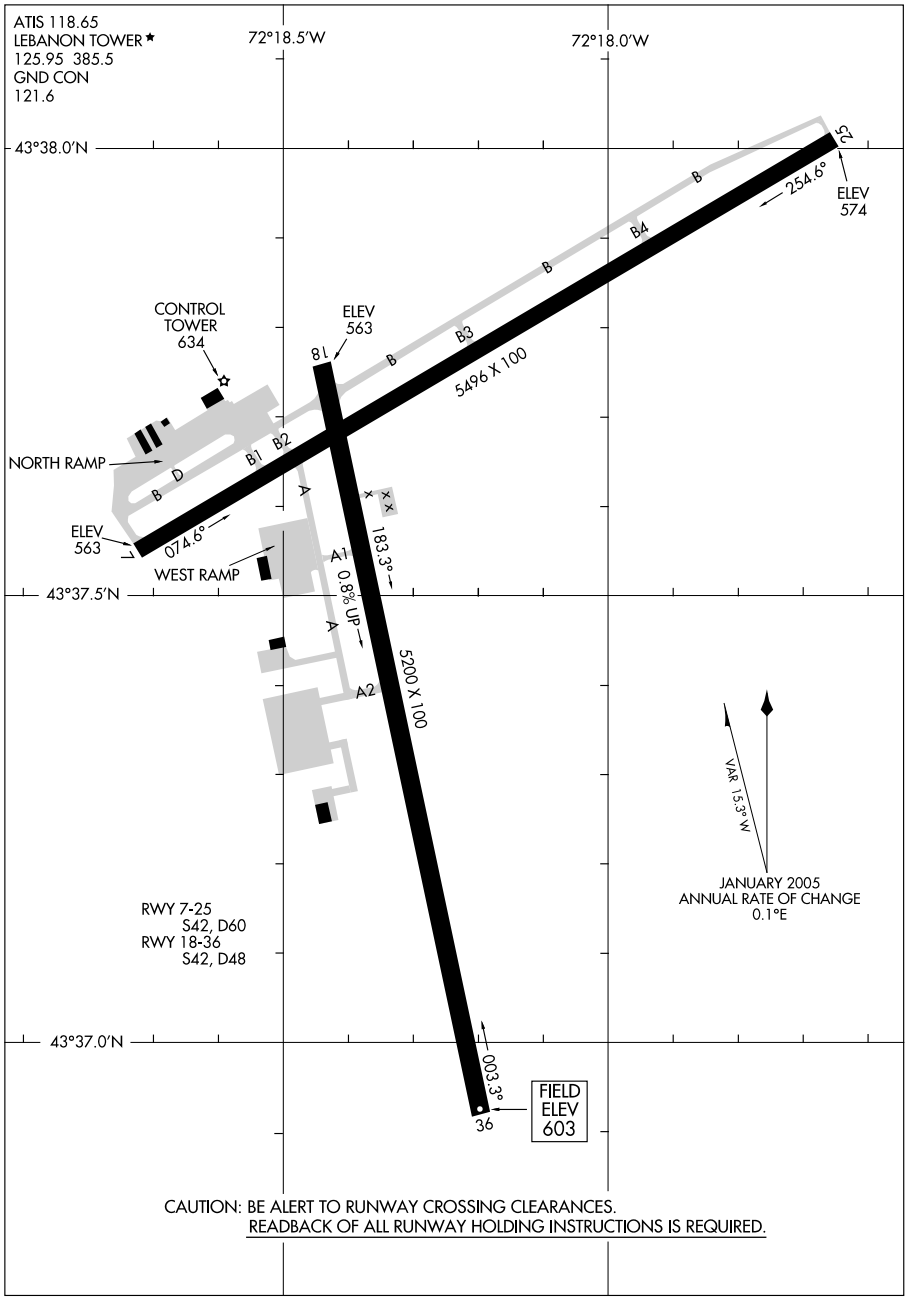
LAWRENCE, MASSACHUSETTS
LAWRENCE MUNI (LWM)

08269

AIRPORT DIAGRAM

AL-859 (FAA)

LEBANON MUNI (LEB)
LEBANON, NEW HAMPSHIRE



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

LEBANON, NEW HAMPSHIRE
LEBANON MUNI (LEB)

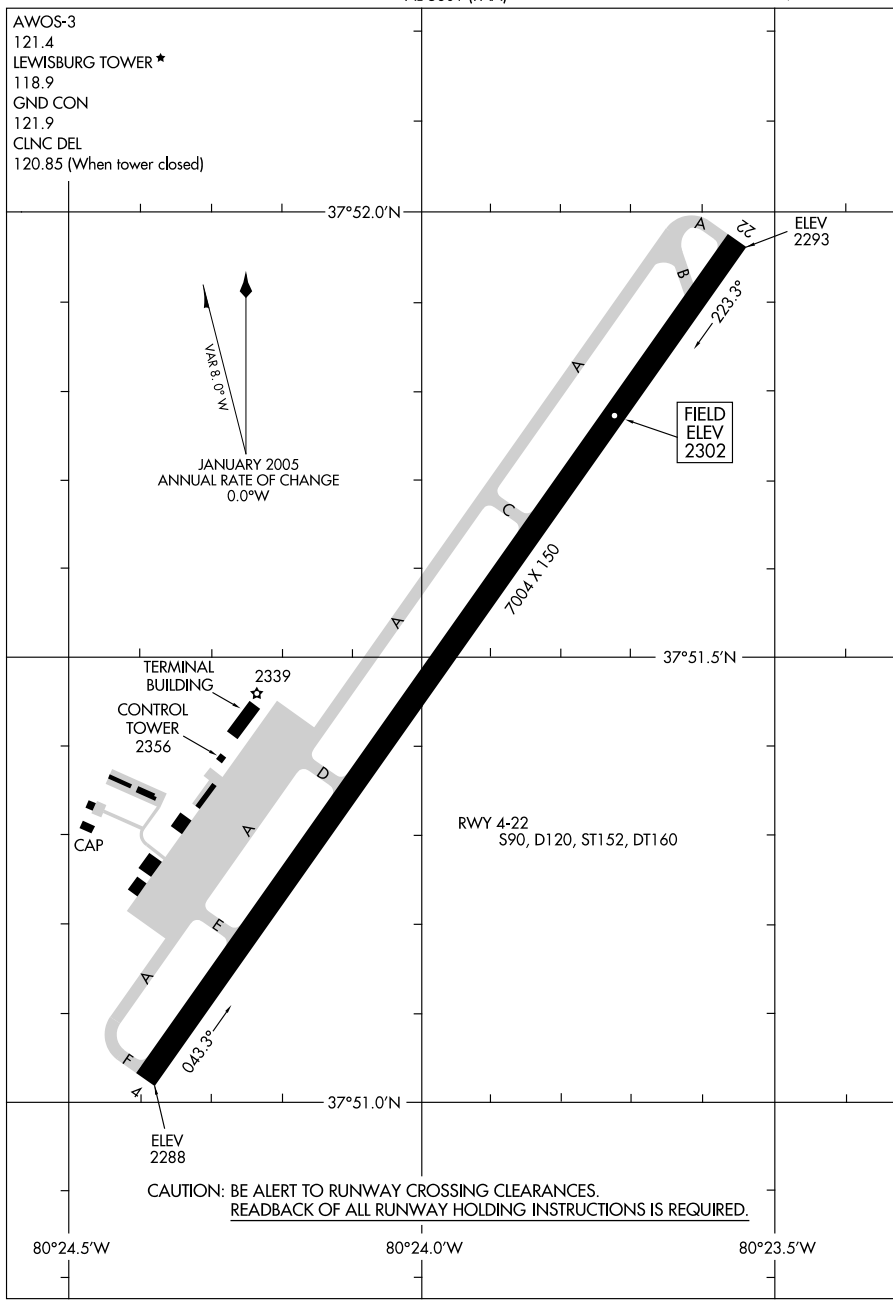
08269

06271

AIRPORT DIAGRAM

AL-5601 (FAA)

LEWISBURG/ GREENBRIER VALLEY (LWB)
LEWISBURG, WEST VIRGINIA



AIRPORT DIAGRAM

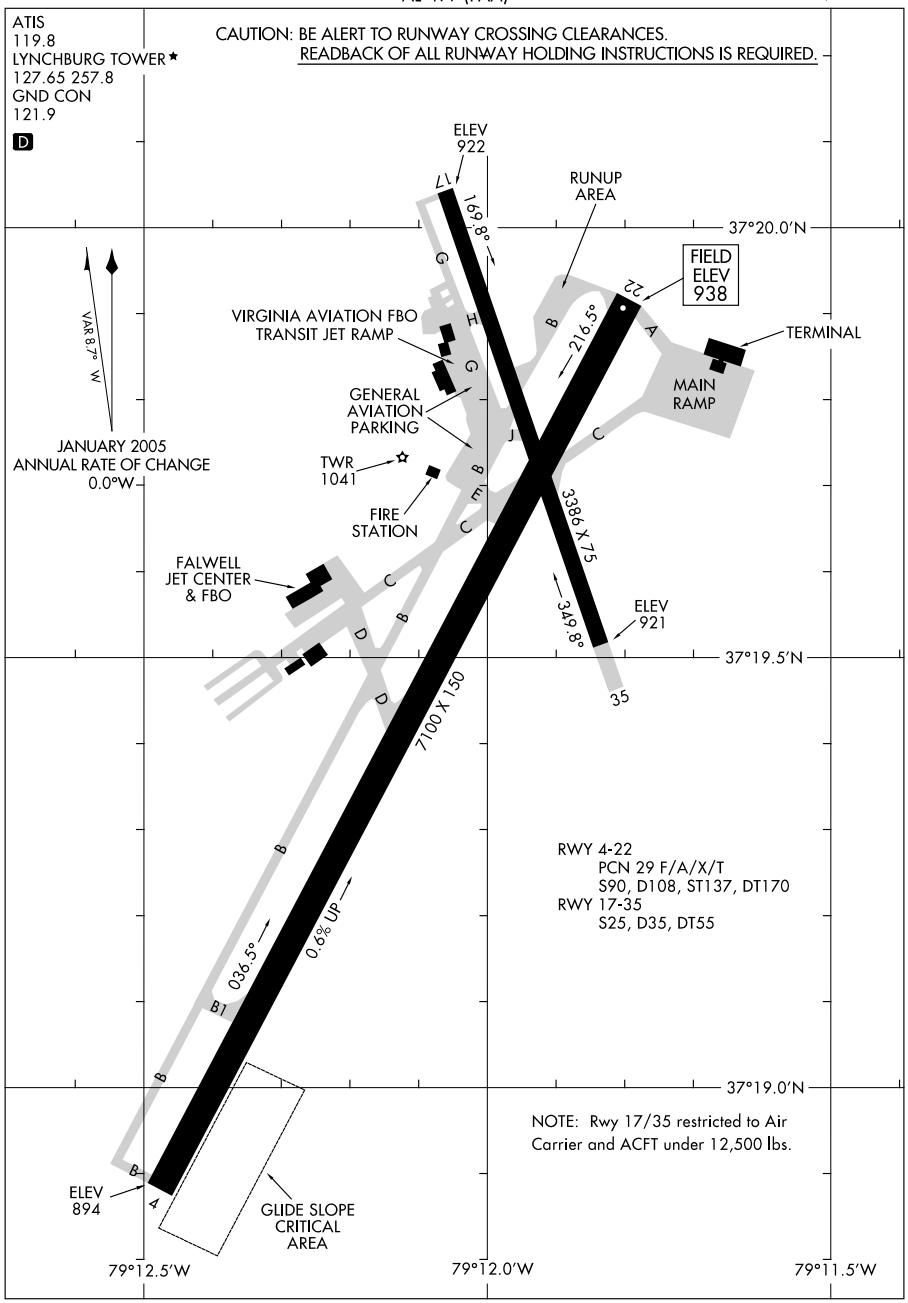
LEWISBURG, WEST VIRGINIA
LEWISBURG/ GREENBRIER VALLEY (LWB)

06271

09351

AIRPORT DIAGRAM

LYNCHBURG RGNL/PRESTON GLENN FIELD (LYH)
AL-499 (FAA)
LYNCHBURG, VIRGINIA



AIRPORT DIAGRAM

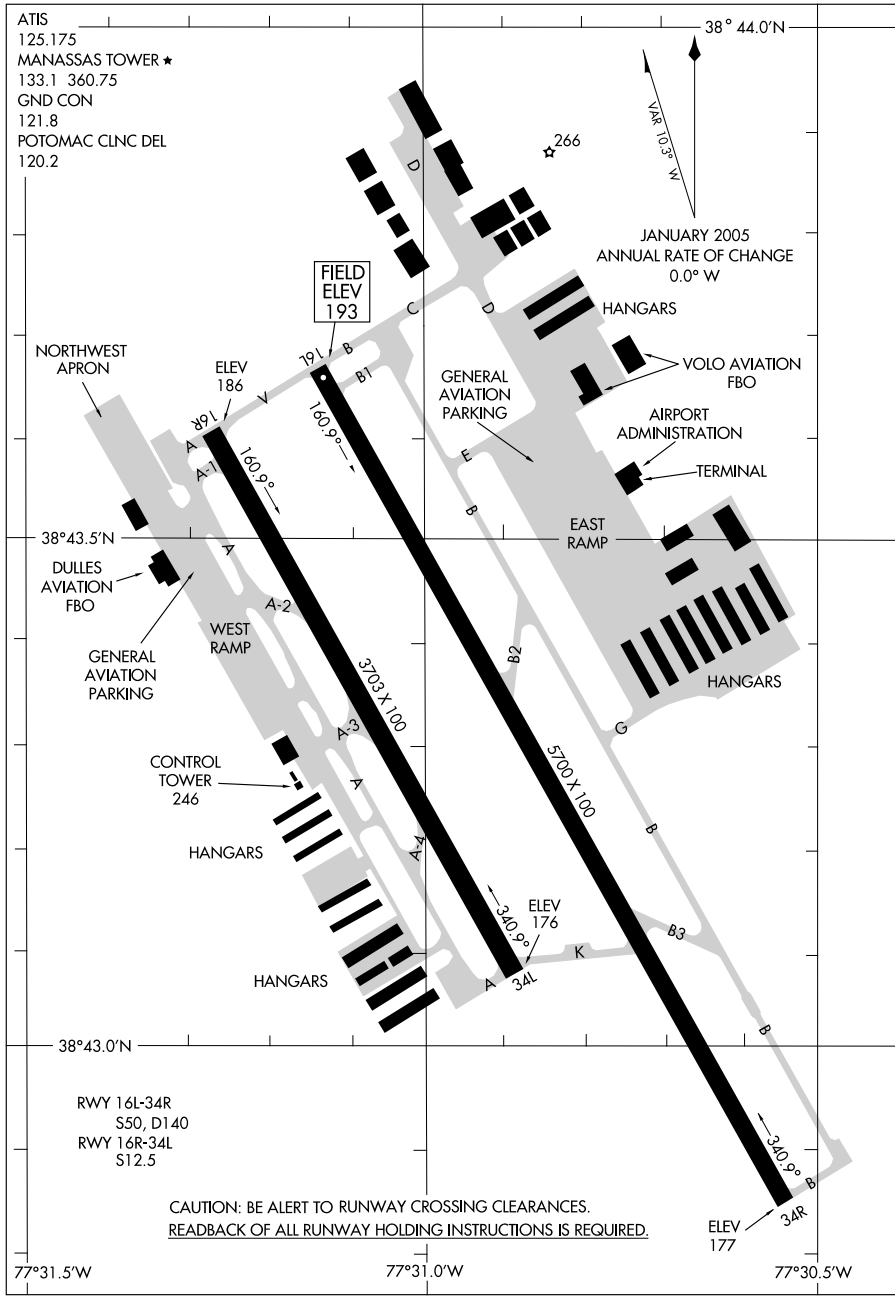
09351

LYNCHBURG, VIRGINIA
LYNCHBURG RGNL/PRESTON GLENN FIELD (LYH)

09015

AIRPORT DIAGRAM

MANASSAS RNGL/HARRY P. DAVIS FIELD (HEF)
AL-5326 (FAA)
MANASSAS, VIRGINIA



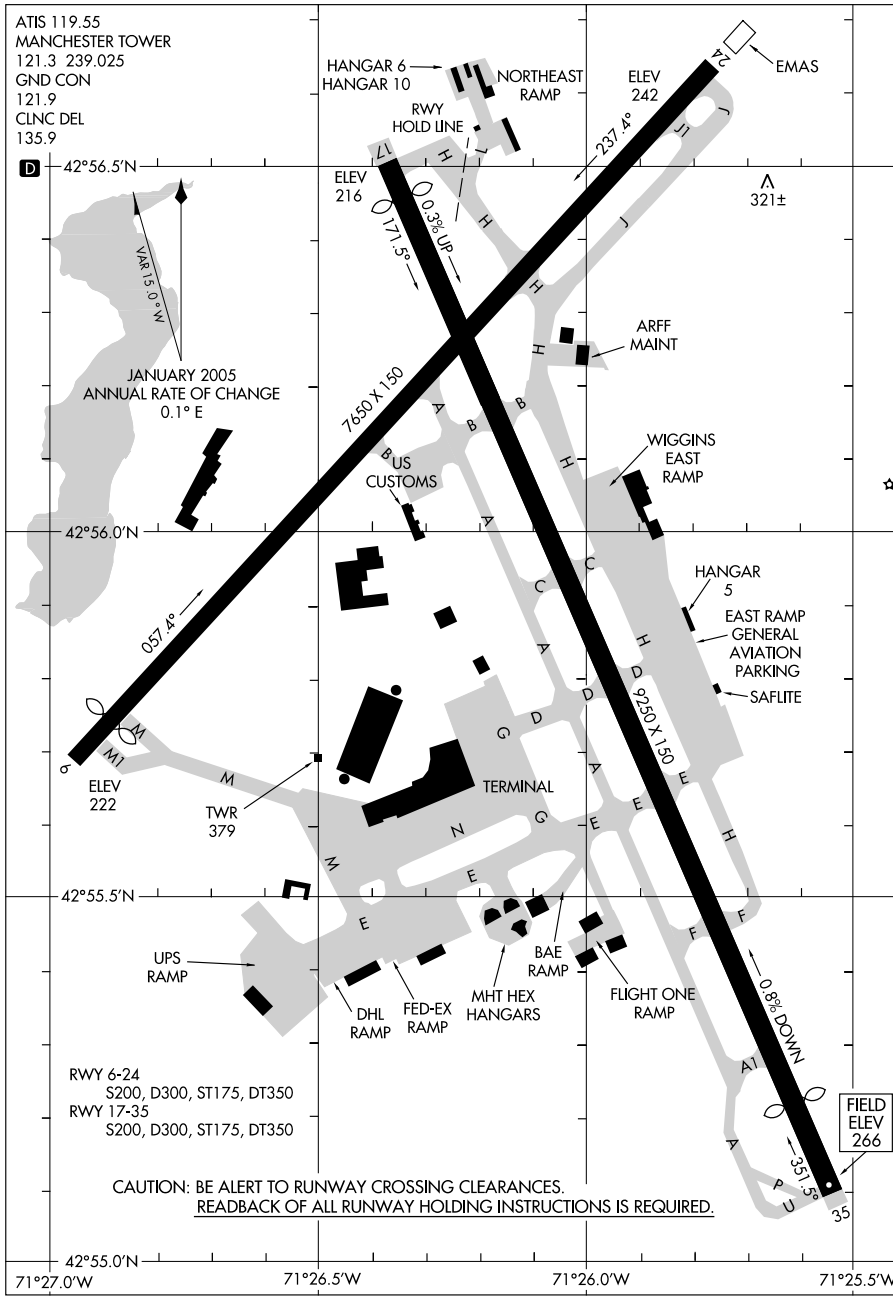
AIRPORT DIAGRAM
09015
MANASSAS, VIRGINIA
MANASSAS RNGL/HARRY P. DAVIS FIELD (HEF)

10042

AIRPORT DIAGRAM

AL-246 (FAA)

MANCHESTER (MHT)
MANCHESTER, NEW HAMPSHIRE



AIRPORT DIAGRAM

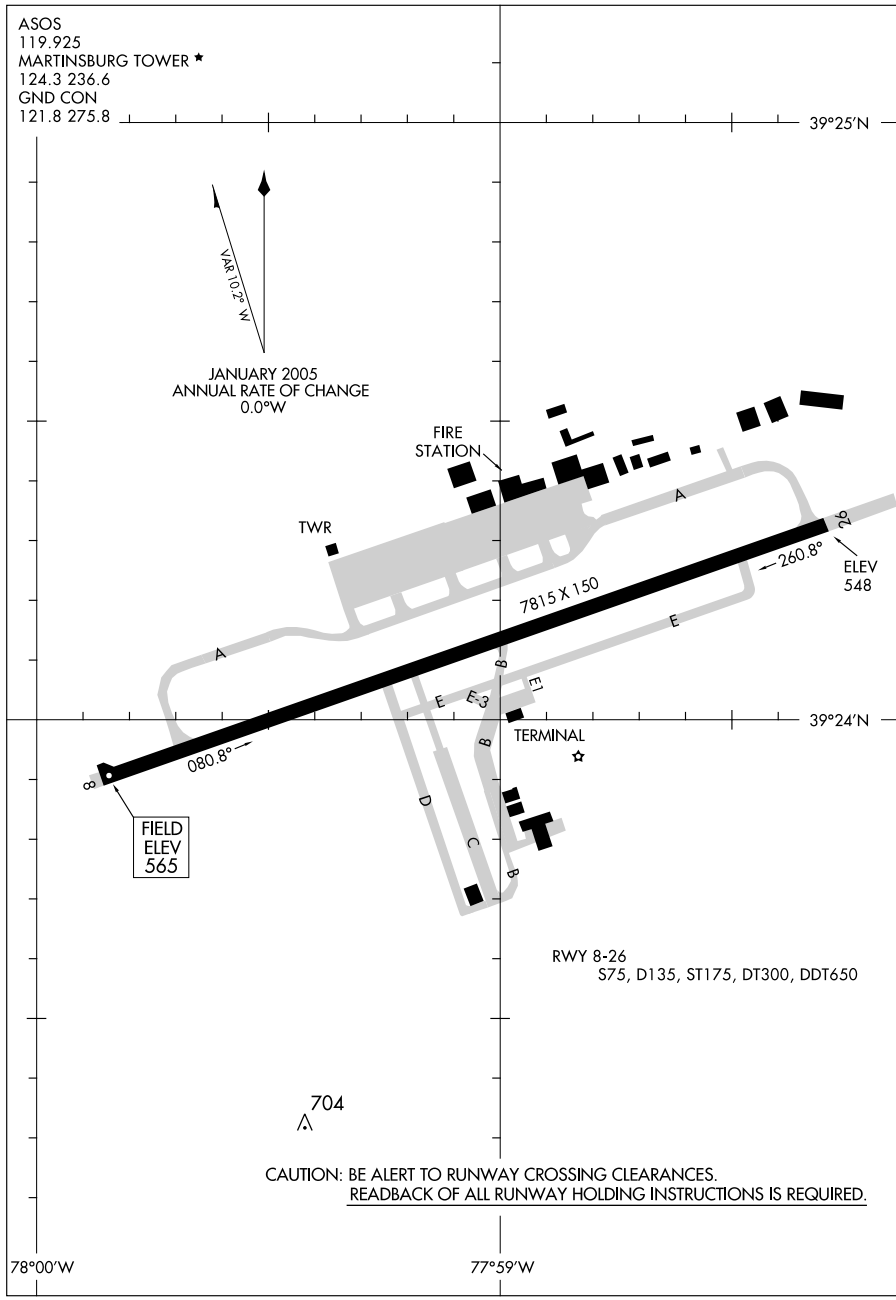
10042

MANCHESTER, NEW HAMPSHIRE
MANCHESTER (MHT)

10098

AIRPORT DIAGRAM

MARTINSBURG/
EASTERN WEST VIRGINIA RGNL/SHEPHERD FIELD (MRB)
AL-249 (FAA) MARTINSBURG, WEST VIRGINIA



AIRPORT DIAGRAM

10098

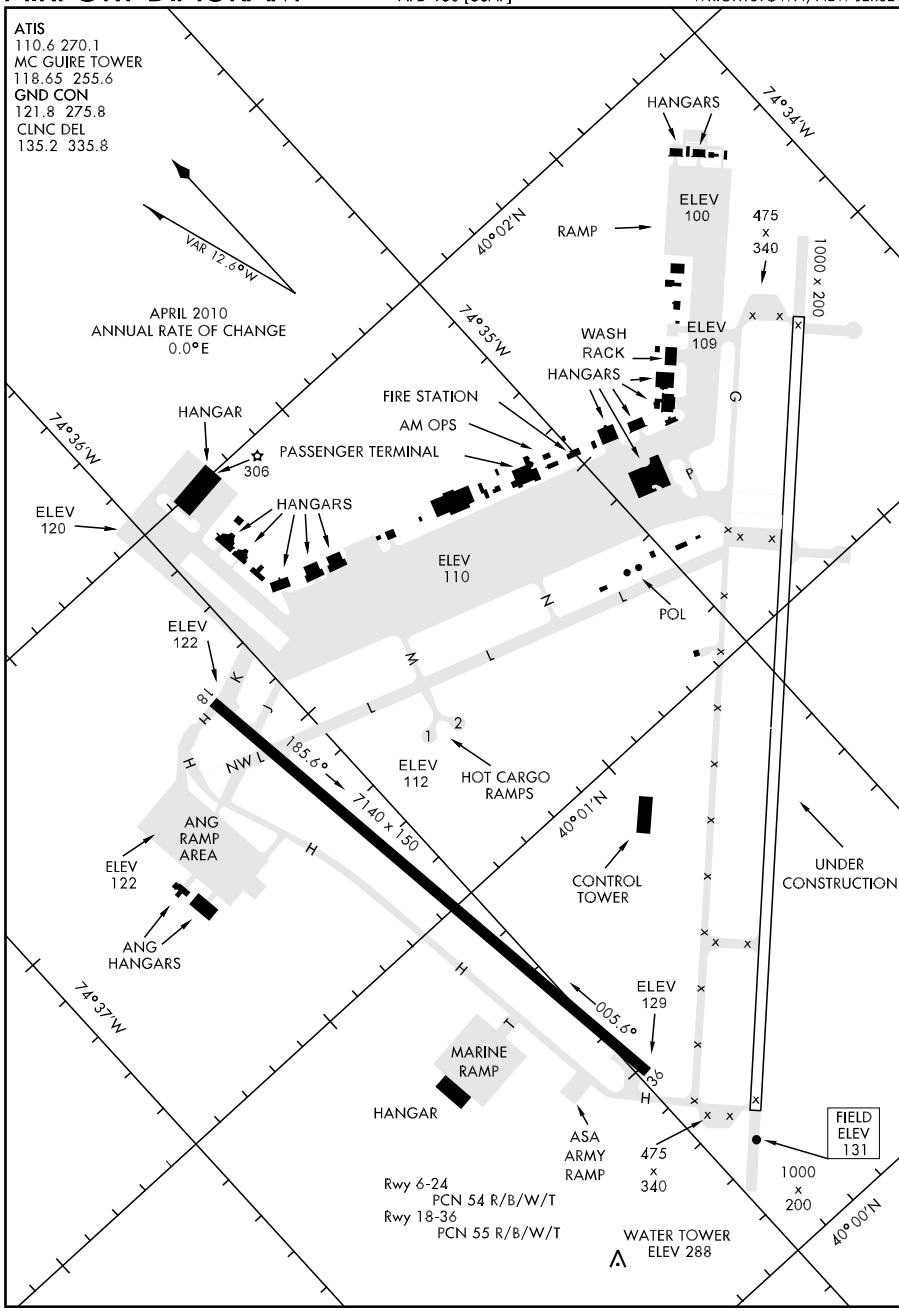
MARTINSBURG/ MARTINSBURG, WEST VIRGINIA
EASTERN WEST VIRGINIA RGNL/SHEPHERD FIELD (MRB)

10098

AIRPORT DIAGRAM

MC GUIRE AFB (KWRI)
WRIGHTSTOWN, NEW JERSEY

AFD-150 [USAF]



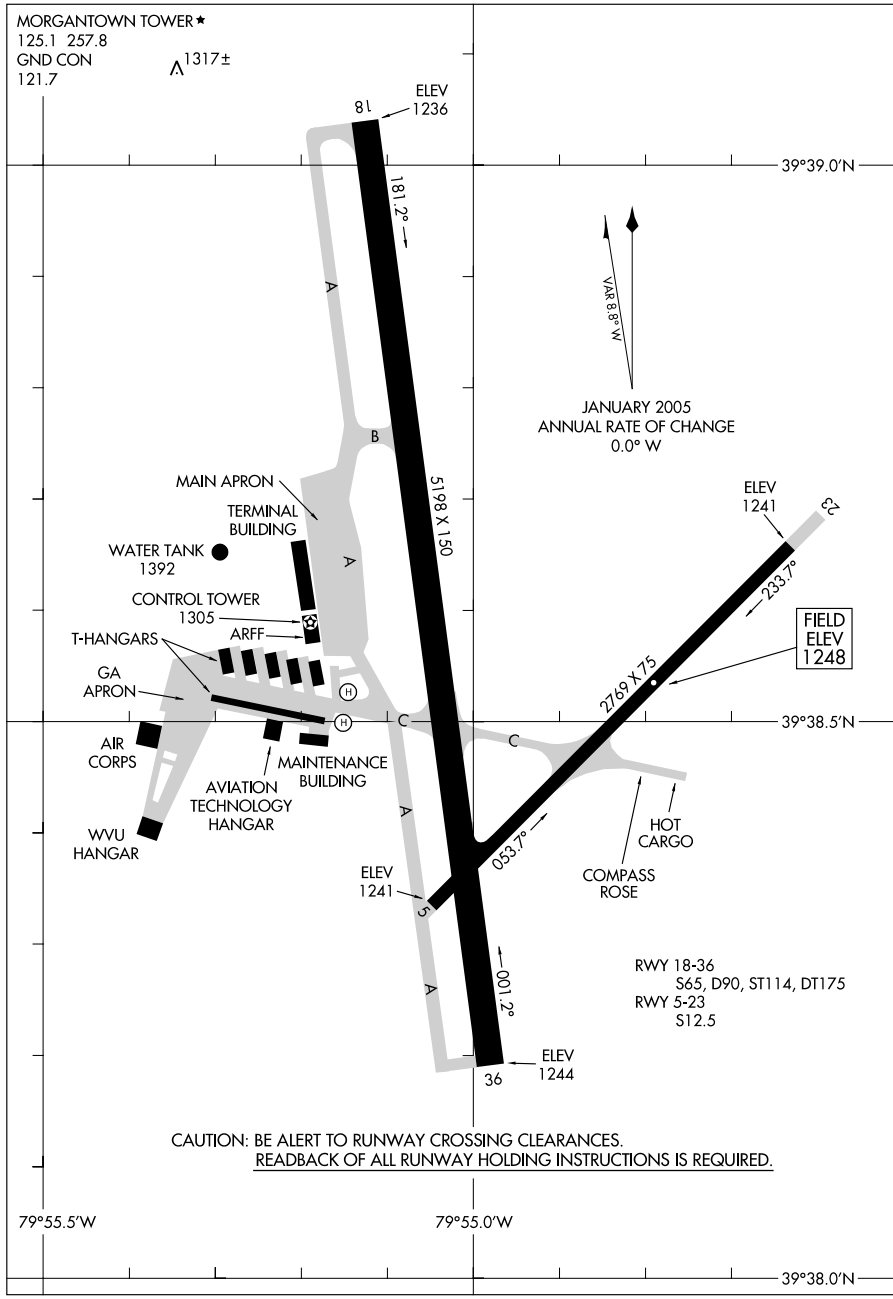
AIRPORT DIAGRAM

WRIGHTSTOWN, NEW JERSEY
MC GUIRE AFB (KWRI)

06271

AIRPORT DIAGRAM

MORGANTOWN MUNI-WALTER L. BILL HART FIELD (MGW)
AL-479 (FAA)
MORGANTOWN, WEST VIRGINIA



AIRPORT DIAGRAM

06271

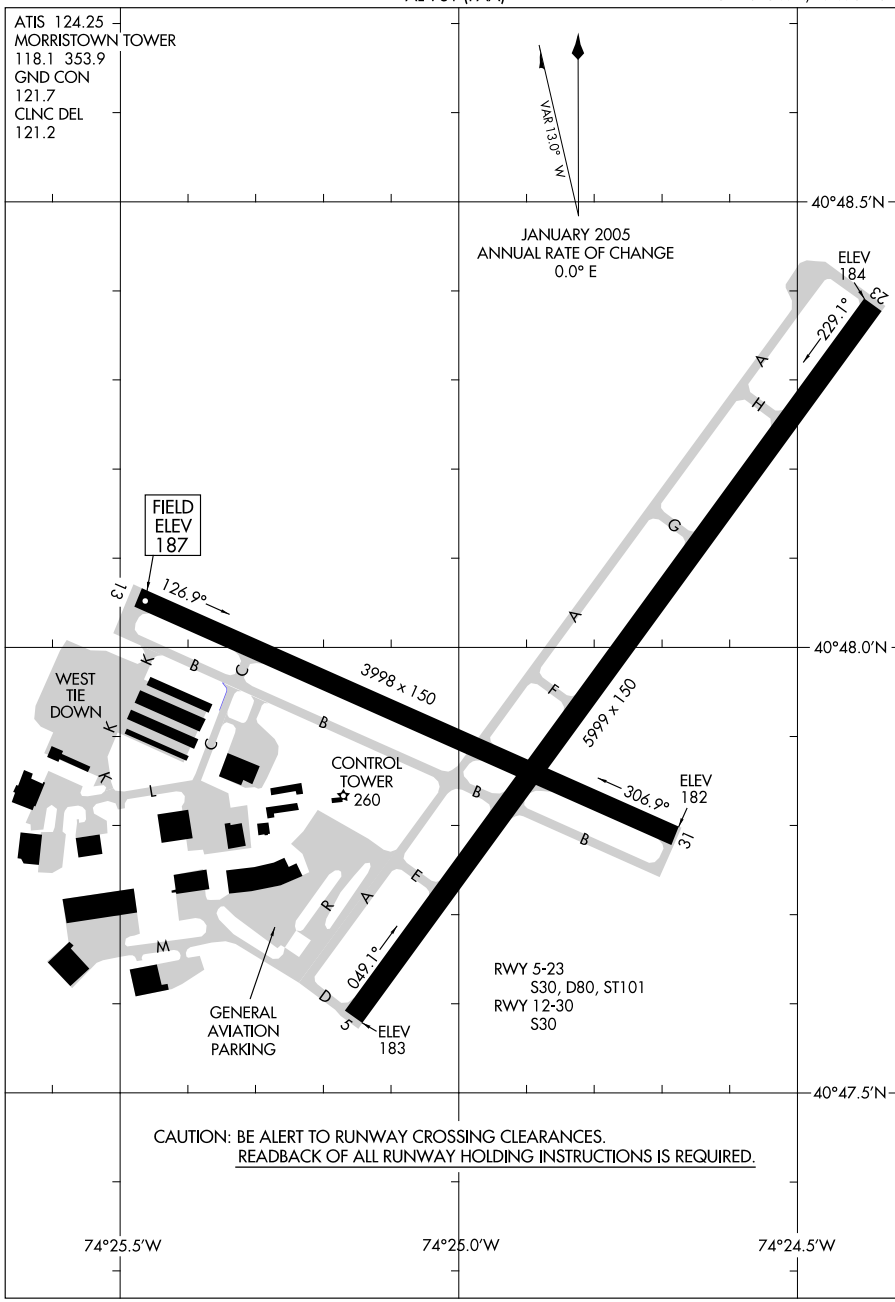
MORGANTOWN, WEST VIRGINIA
MORGANTOWN MUNI-WALTER L. BILL HART FIELD (MGW)

06327

AIRPORT DIAGRAM

AL-931 (FAA)

MORRISTOWN MUNI (MMU)
MORRISTOWN, NEW JERSEY



AIRPORT DIAGRAM

06327

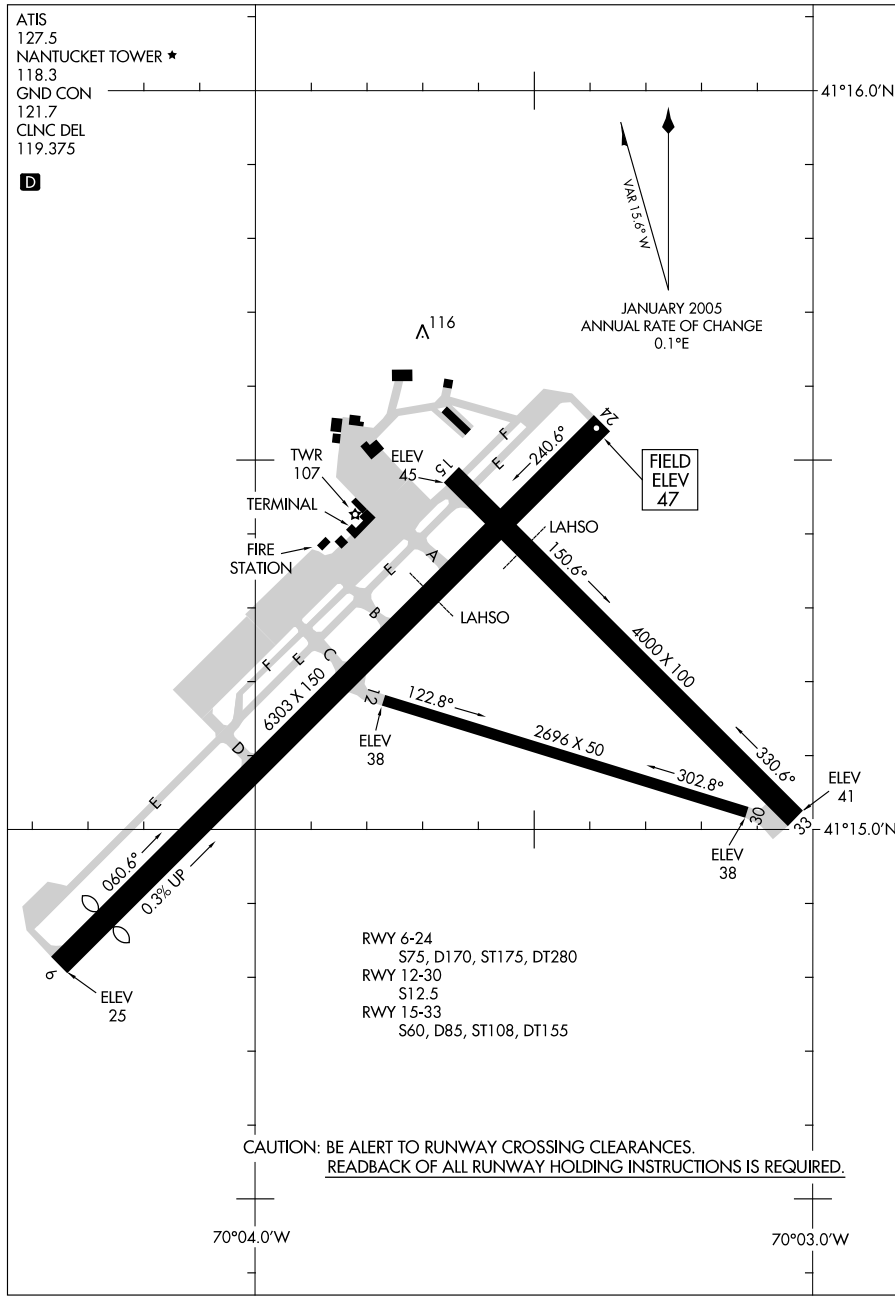
MORRISTOWN, NEW JERSEY
MORRISTOWN MUNI (MMU)

09351

AIRPORT DIAGRAM

AL-659 (FAA)

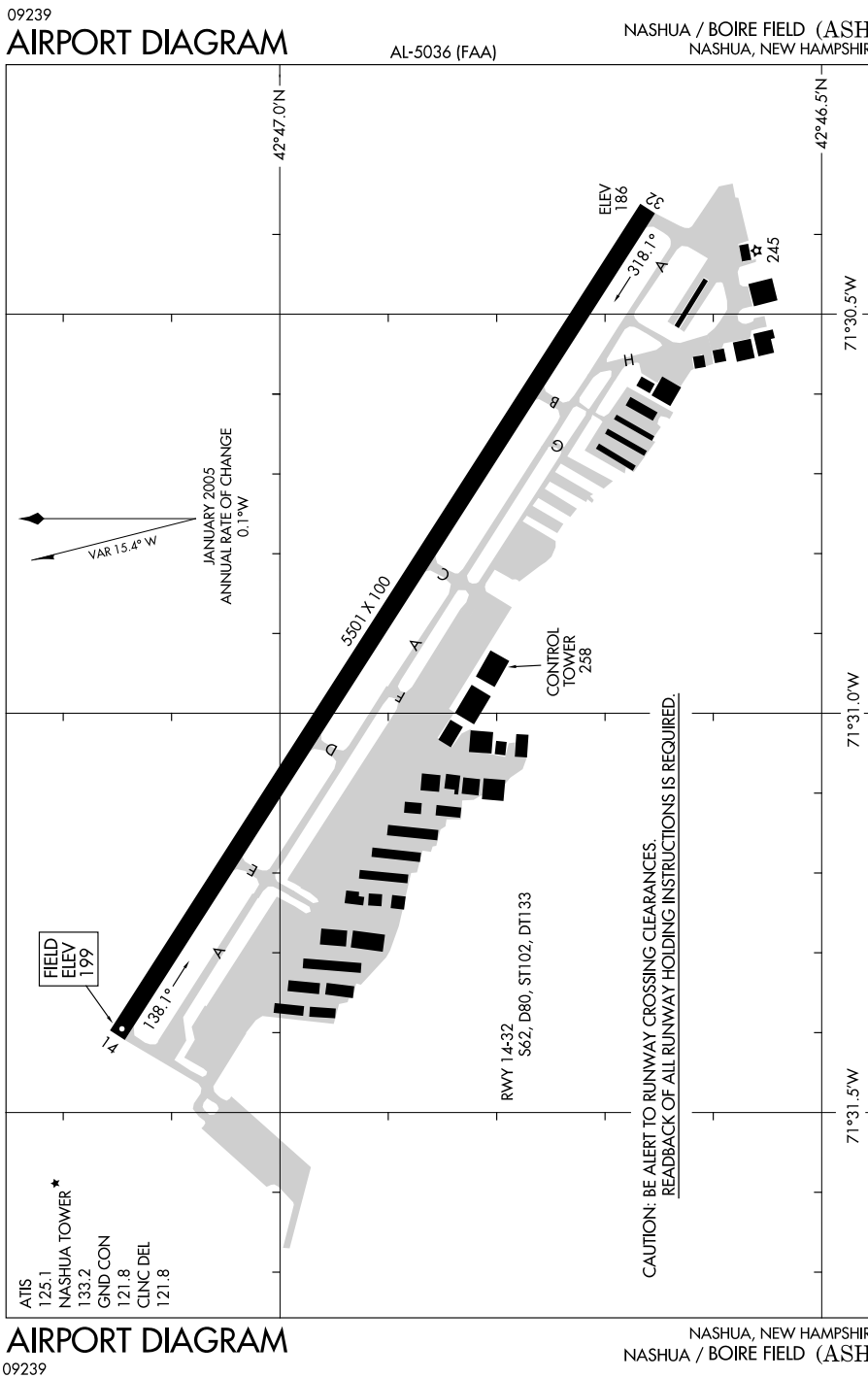
NANTUCKET MEMORIAL (ACK)
NANTUCKET, MASSACHUSETTS



AIRPORT DIAGRAM

09351

NANTUCKET, MASSACHUSETTS
NANTUCKET MEMORIAL (ACK)

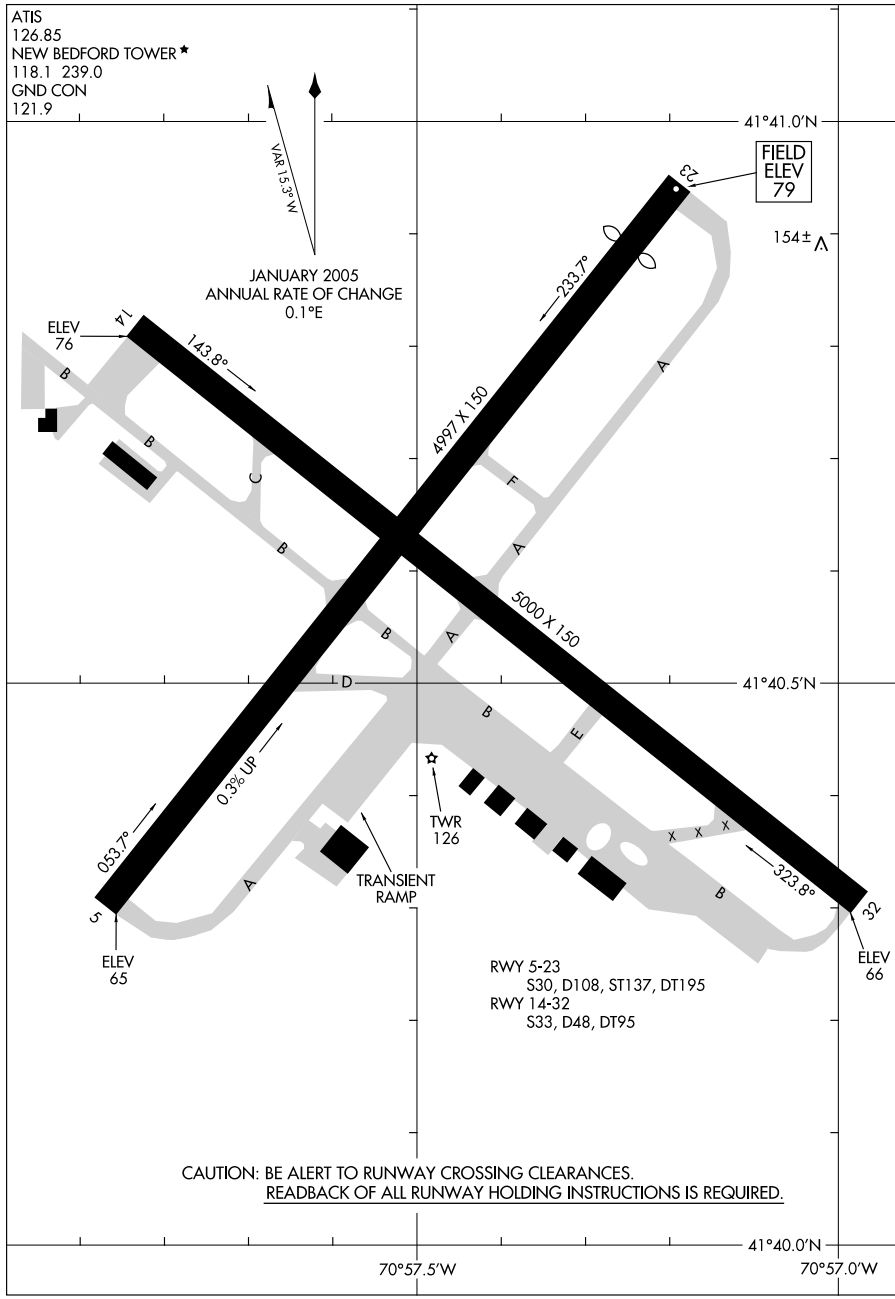

09239
AIRPORT DIAGRAM
AL-5036 (FAA)
NASHUA / BOIRE FIELD (ASH)
NASHUA, NEW HAMPSHIRE
42°47.0'N
42°46.5'N
71°30.5'W
71°31.0'W
71°31.5'W
ELEV 186
318.1°
245
JANUARY 2005
ANNUAL RATE OF CHANGE
0.1°W
VAR 15.4° W
5501 X 100
CONTROL TOWER 258
FIELD ELEV 199
138.1°
RWY 14-32
S62, D80, ST102, DT133
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
ATIS 125.1
NASHUA TOWER 133.2
GND CON 121.8
CLNC DEL 121.8
AIRPORT DIAGRAM
09239
NASHUA, NEW HAMPSHIRE
NASHUA / BOIRE FIELD (ASH)

10042

AIRPORT DIAGRAM

AL-644 (FAA)

NEW BEDFORD RGNL (EWB)
NEW BEDFORD, MASSACHUSETTS



AIRPORT DIAGRAM
10042

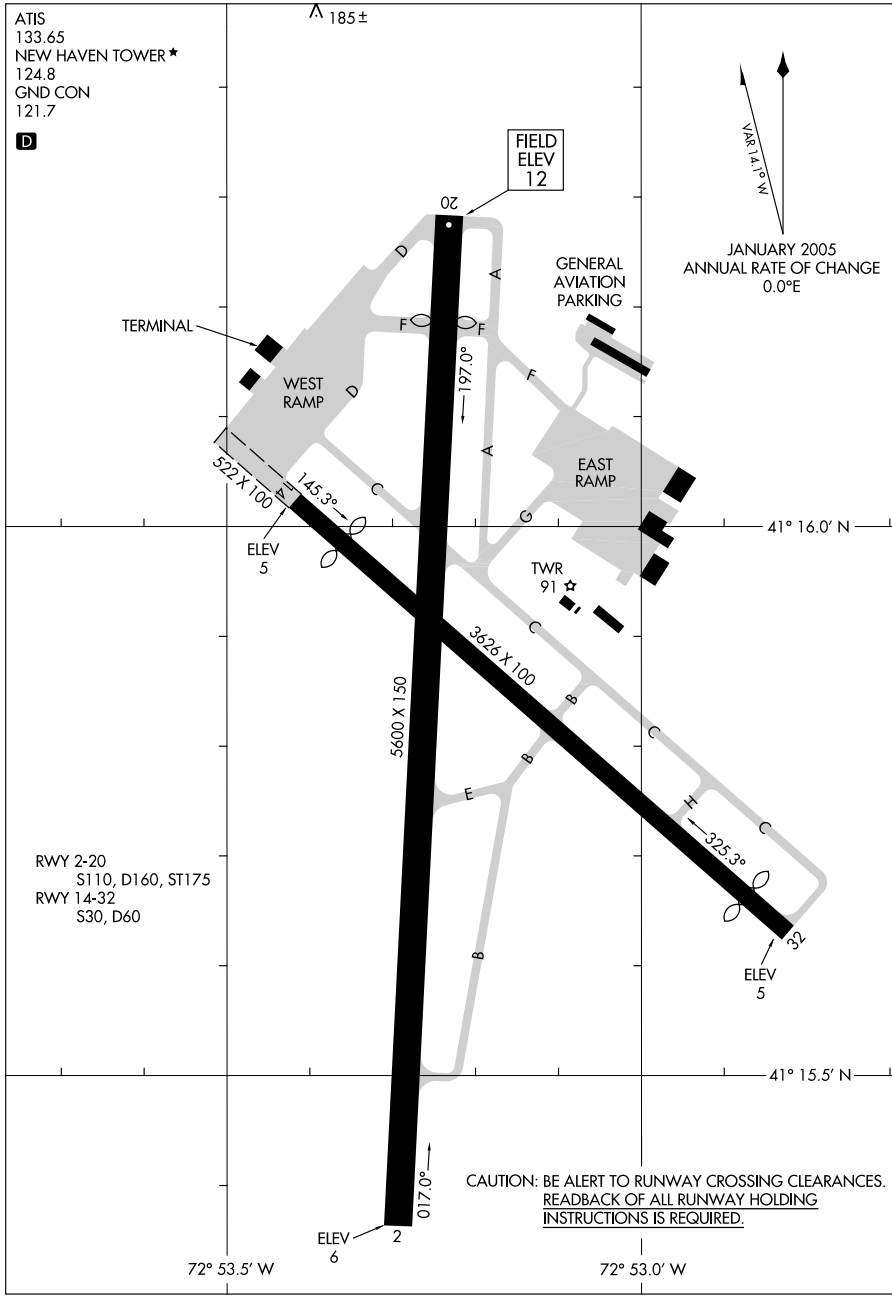
NEW BEDFORD, MASSACHUSETTS
NEW BEDFORD RGNL (EWB)

09183

AIRPORT DIAGRAM

AL-671 (FAA)

NEW HAVEN/TWEED-NEW HAVEN (HVN)
NEW HAVEN, CONNECTICUT



AIRPORT DIAGRAM

09183

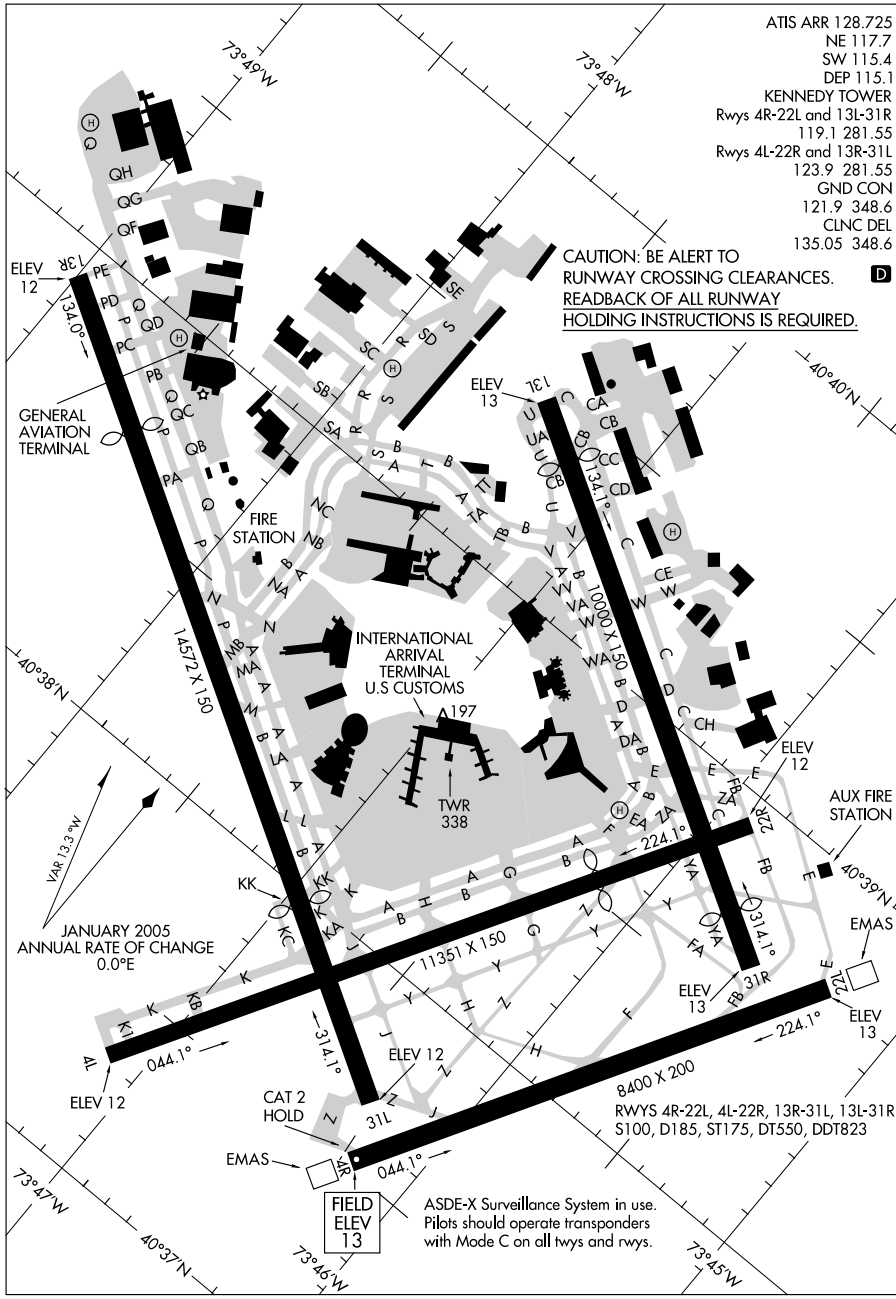
NEW HAVEN, CONNECTICUT
NEW HAVEN/TWEED-NEW HAVEN (HVN)

10098

AIRPORT DIAGRAM

AL-610 (FAA)

NEW YORK / JOHN F. KENNEDY INTL (JFK)
NEW YORK, NEW YORK



AIRPORT DIAGRAM

10098

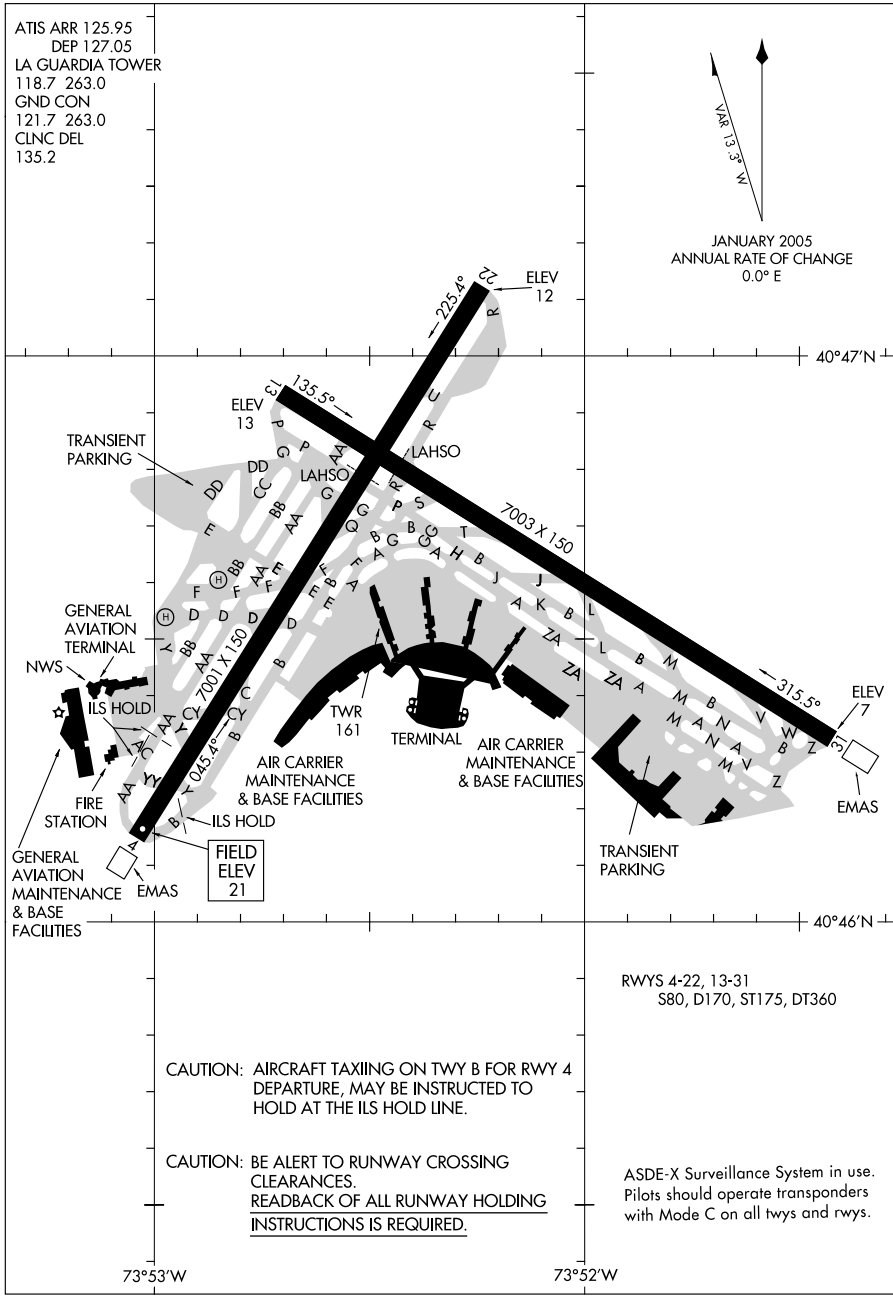
NEW YORK, NEW YORK
NEW YORK / JOHN F. KENNEDY INTL (JFK)

10042

AIRPORT DIAGRAM

AL-289 (FAA)

NEW YORK/LA GUARDIA (LGA)
NEW YORK, NEW YORK



AIRPORT DIAGRAM

10042

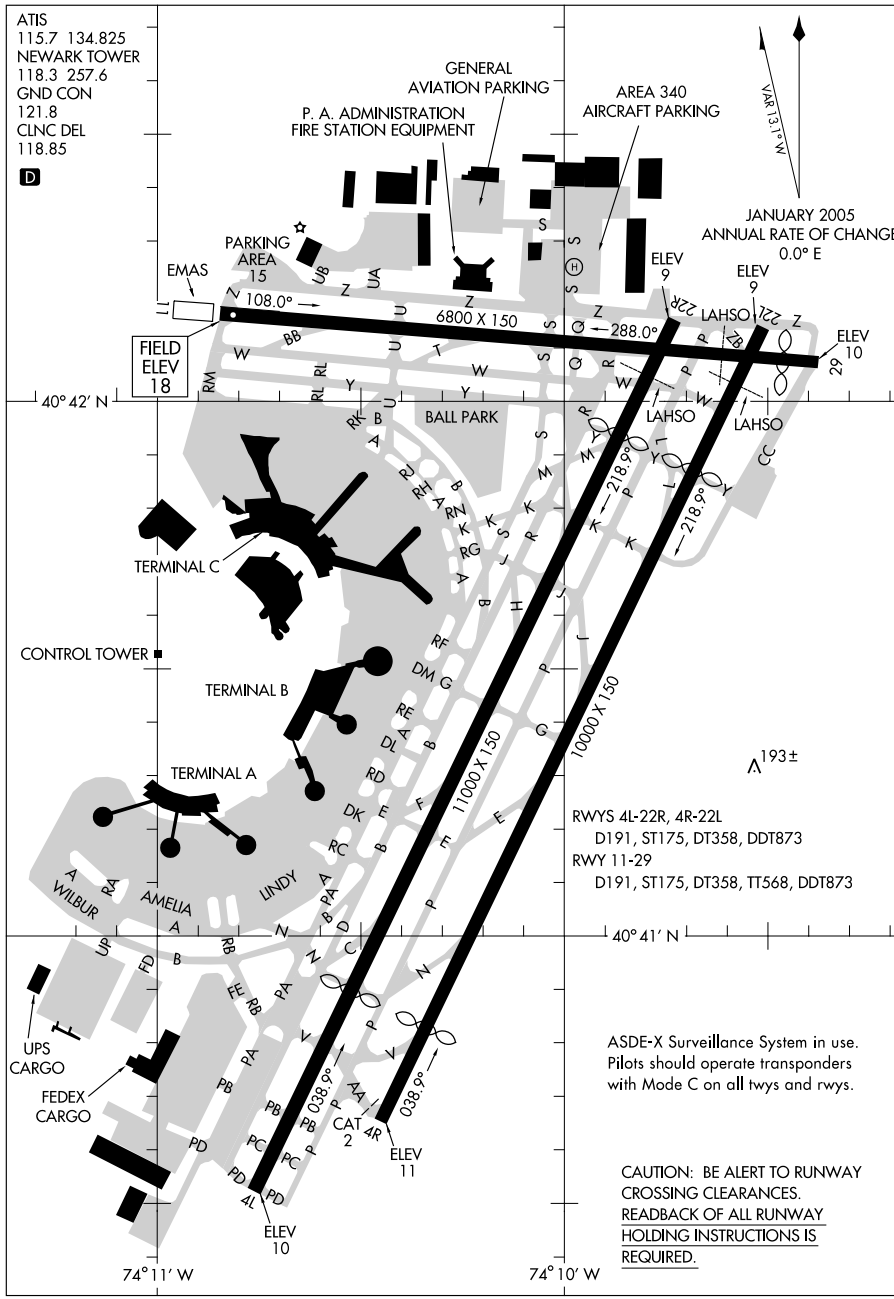
NEW YORK, NEW YORK
NEW YORK/LA GUARDIA (LGA)

10042

AIRPORT DIAGRAM

AL-285 (FAA)

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY



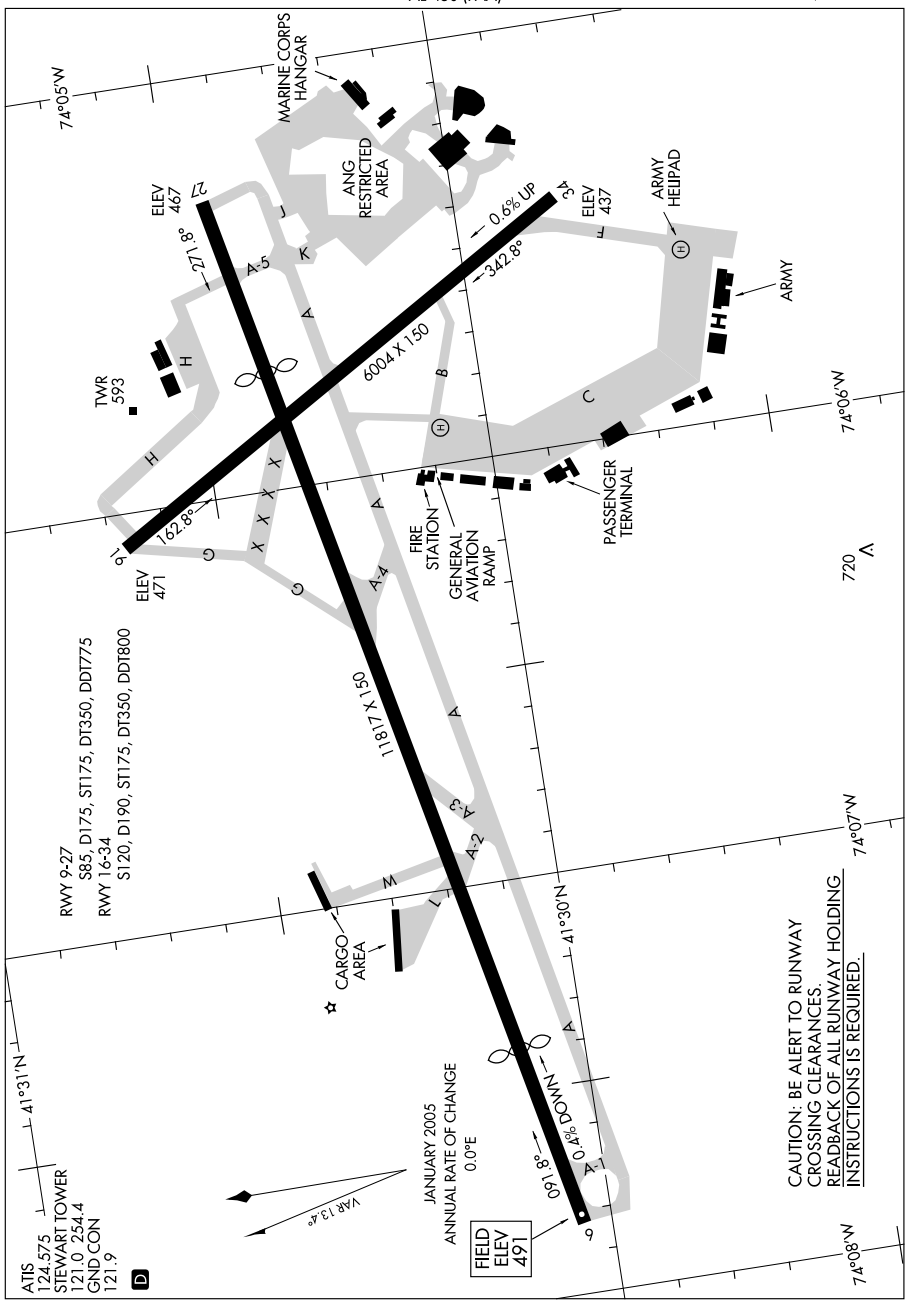
AIRPORT DIAGRAM
10042

NEWARK, NEW JERSEY
NEWARK LIBERTY INTL (EWR)

09015

AIRPORT DIAGRAM

NEWBURGH/ STEWART INTL (SWF)
NEWBURGH, NEW YORK



AIRPORT DIAGRAM

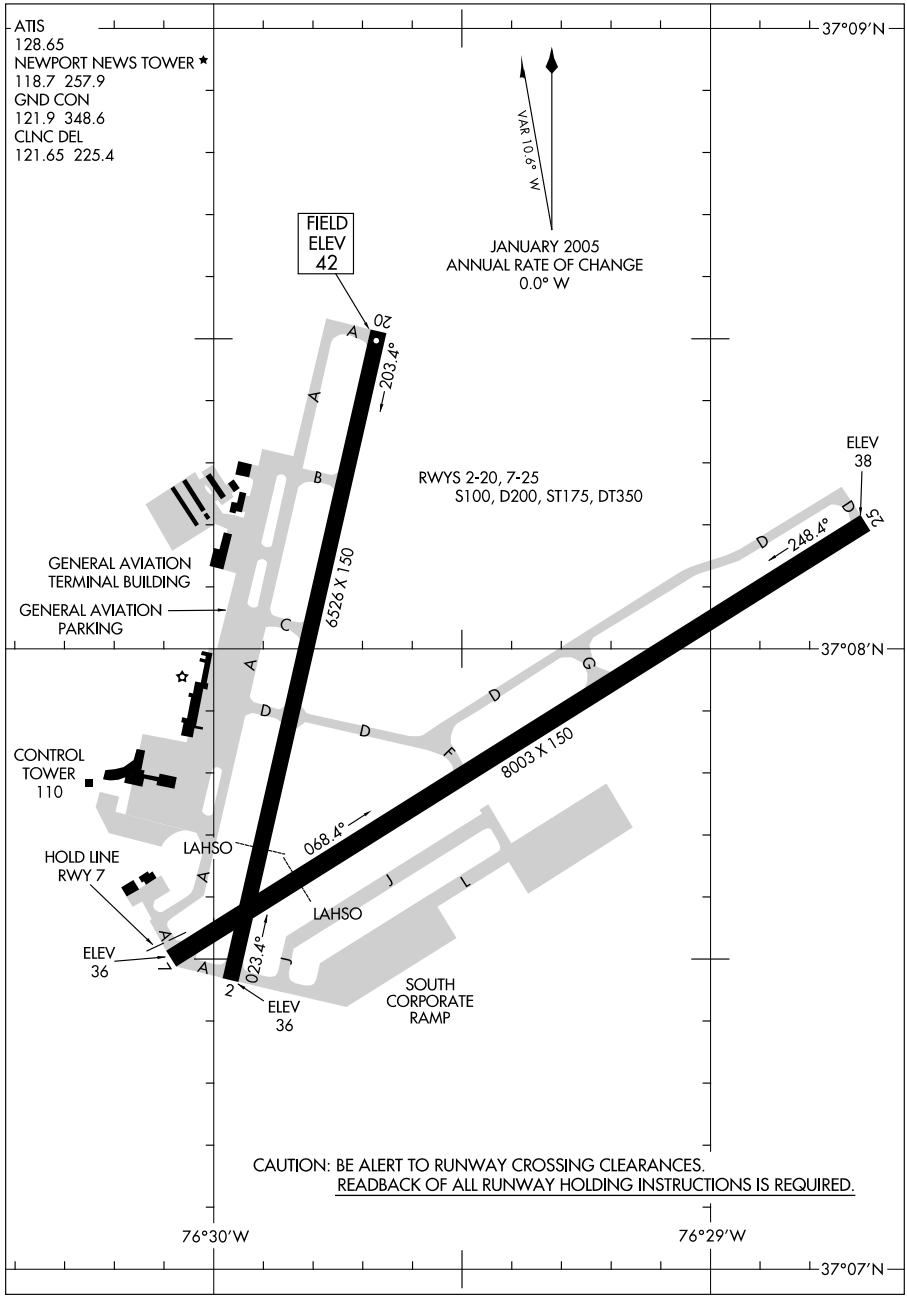
09015

NEWBURGH, NEW YORK
NEWBURGH/ STEWART INTL (SWF)

09127

AIRPORT DIAGRAM

NEWPORT NEWS / WILLIAMSBURG INTL (PHF)
AL-957 (FAA)
NEWPORT NEWS, VIRGINIA



AIRPORT DIAGRAM

09127

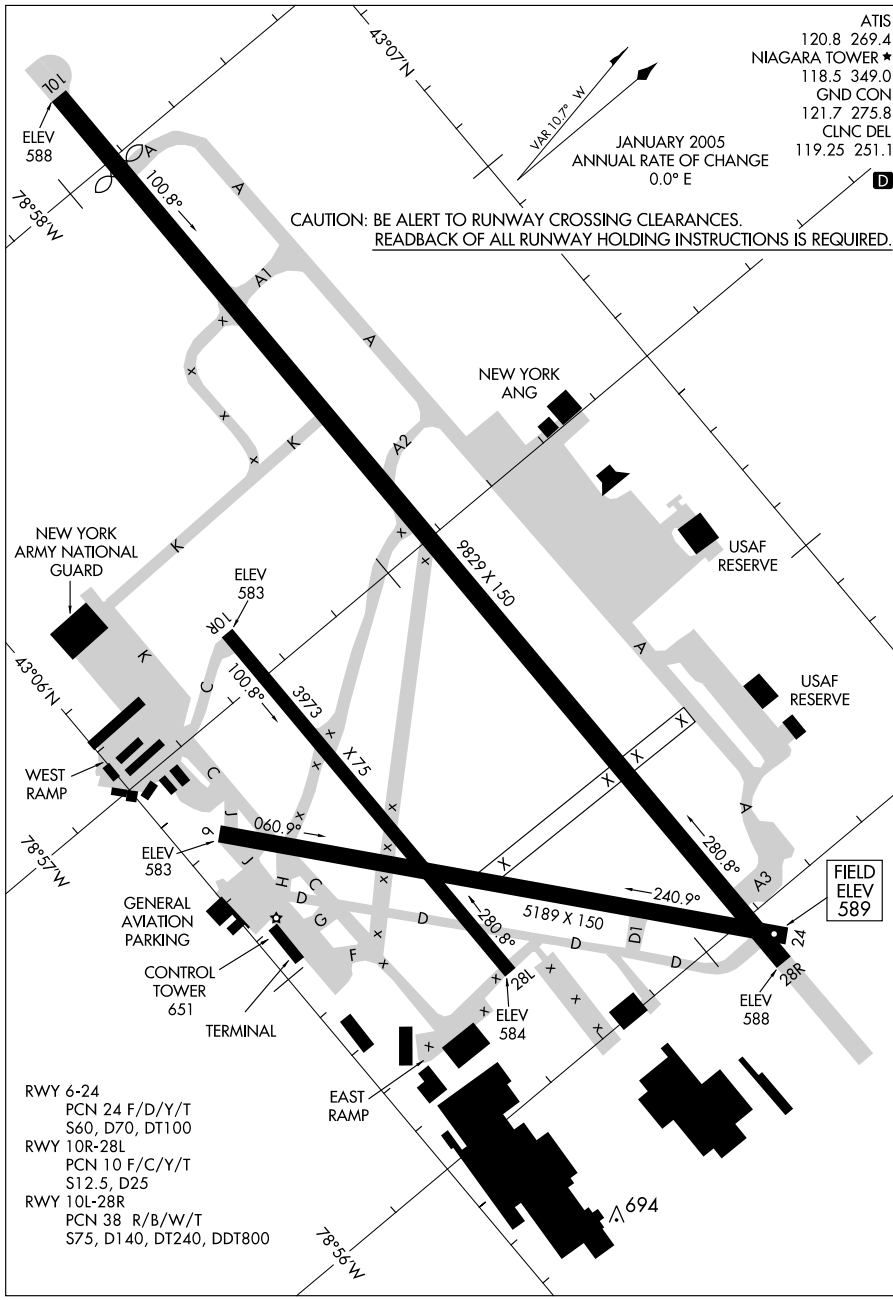
NEWPORT NEWS, VIRGINIA
NEWPORT NEWS / WILLIAMSBURG INTL (PHF)

09015

AIRPORT DIAGRAM

AL-614 (FAA)

NIAGARA FALLS INTL (IAG)
NIAGARA FALLS, NEW YORK



AIRPORT DIAGRAM
09015

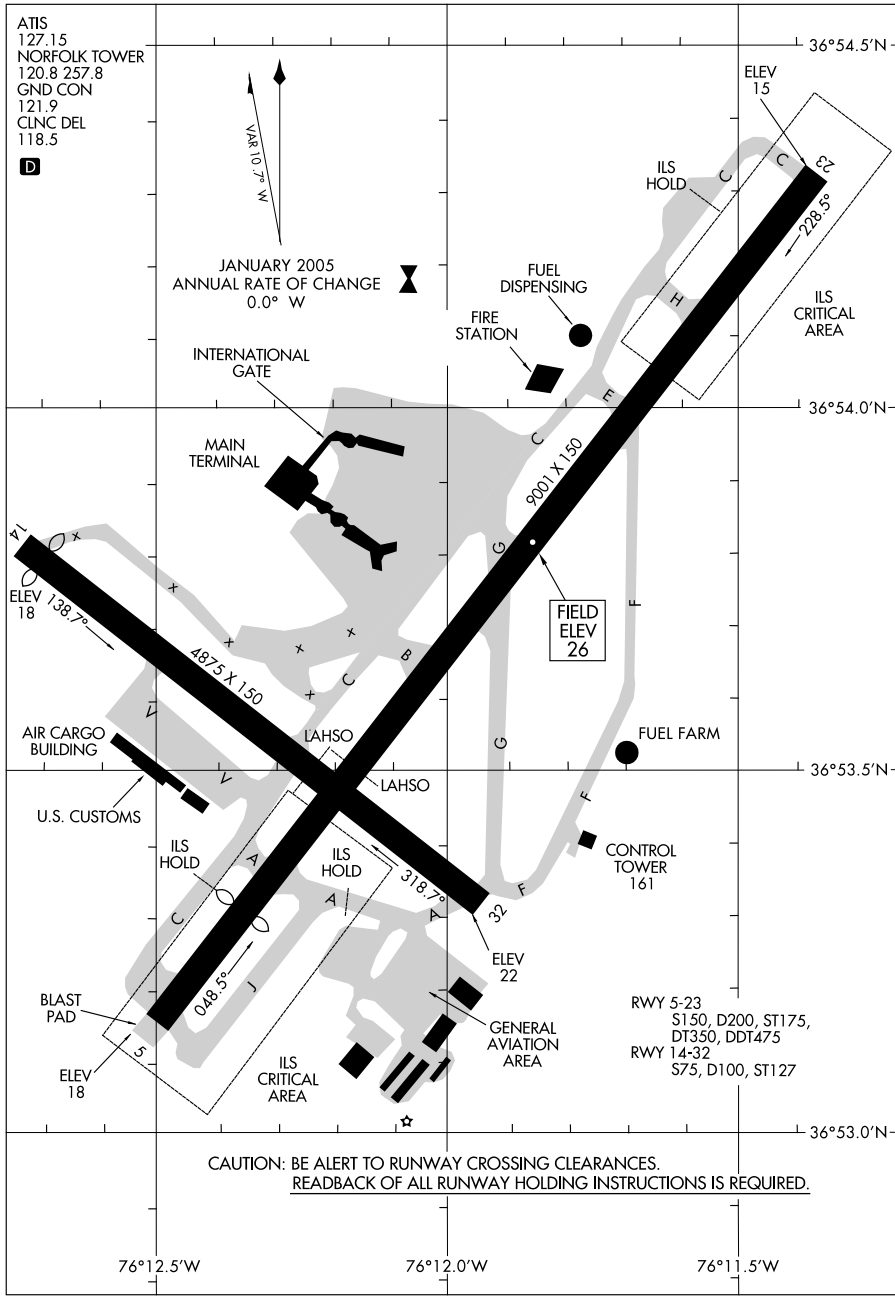
NIAGARA FALLS, NEW YORK
NIAGARA FALLS INTL (IAG)

09015

AIRPORT DIAGRAM

NORFOLK INTL (ORF)
NORFOLK, VIRGINIA

AL-291 (FAA)



AIRPORT DIAGRAM
09015
NORFOLK, VIRGINIA
NORFOLK INTL (ORF)

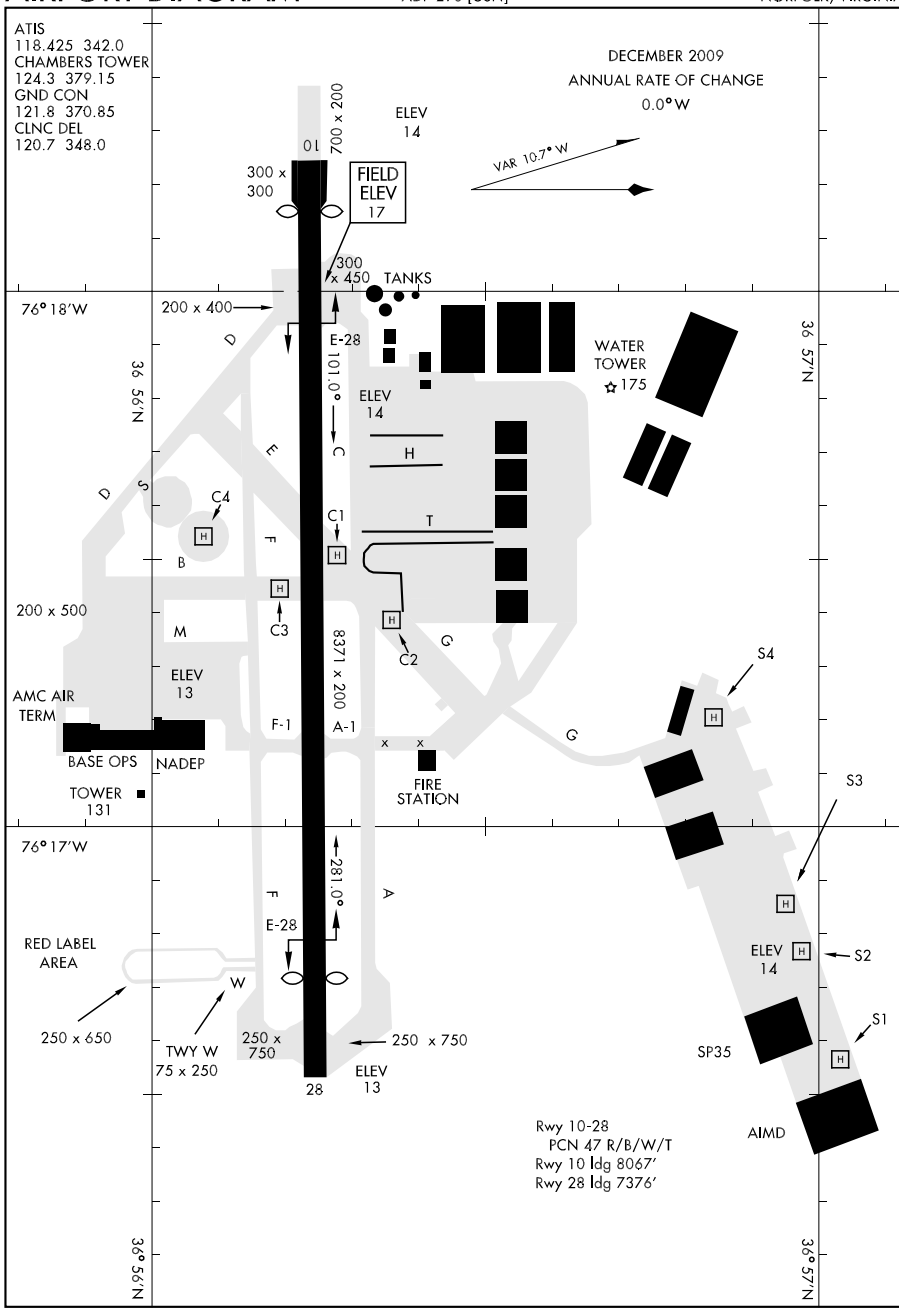
09351

AIRPORT DIAGRAM

NORFOLK NS (CHAMBERS FIELD) (KNGU)

ADF-290 [USN]

NORFOLK, VIRGINIA



AIRPORT DIAGRAM

NORFOLK, VIRGINIA

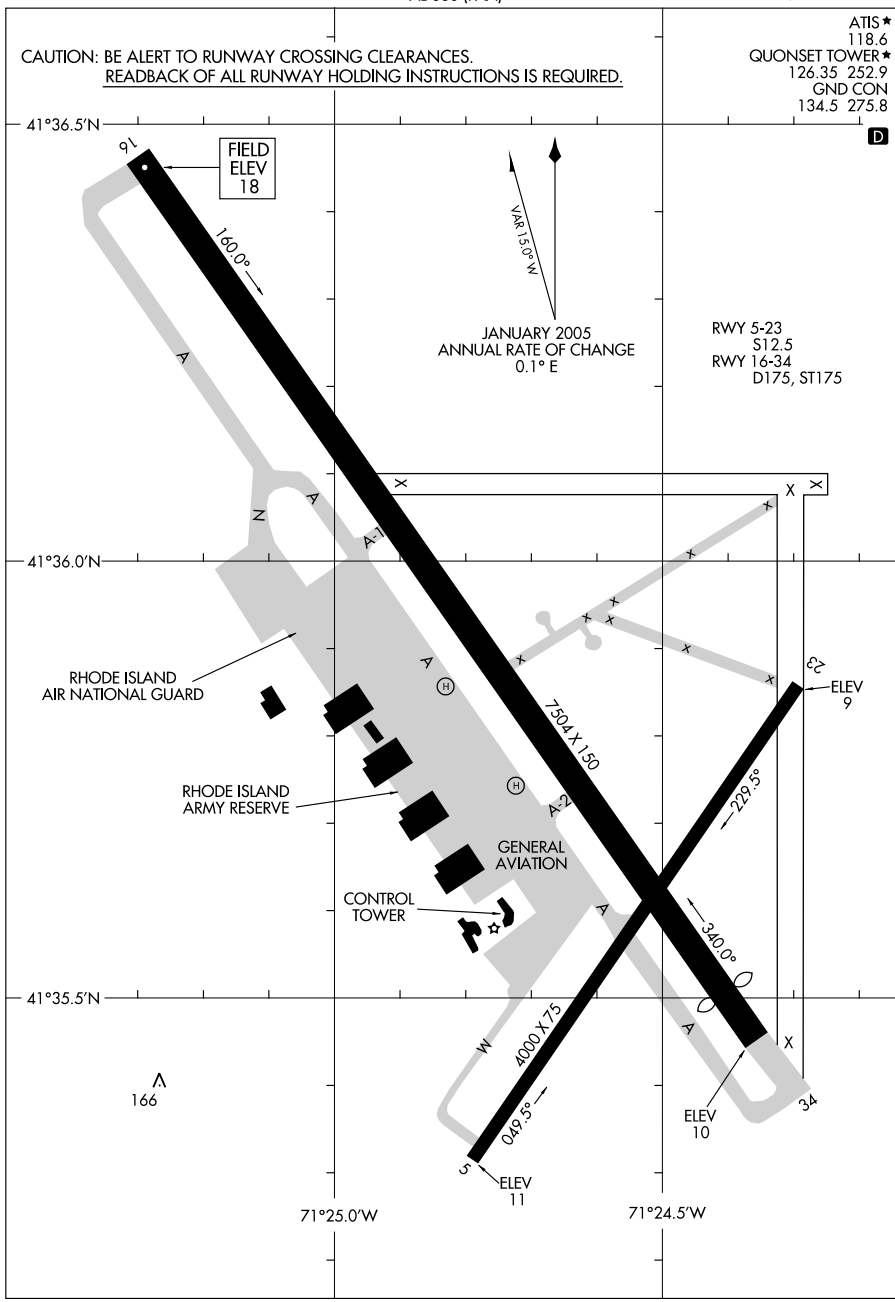
NORFOLK NS (CHAMBERS FIELD) (KNGU)

09015

AIRPORT DIAGRAM

NORTH KINGSTOWN/QUONSET STATE (OQU)
NORTH KINGSTOWN, RHODE ISLAND

AL-338 (FAA)



AIRPORT DIAGRAM

NORTH KINGSTOWN, RHODE ISLAND
NORTH KINGSTOWN/QUONSET STATE (OQU)

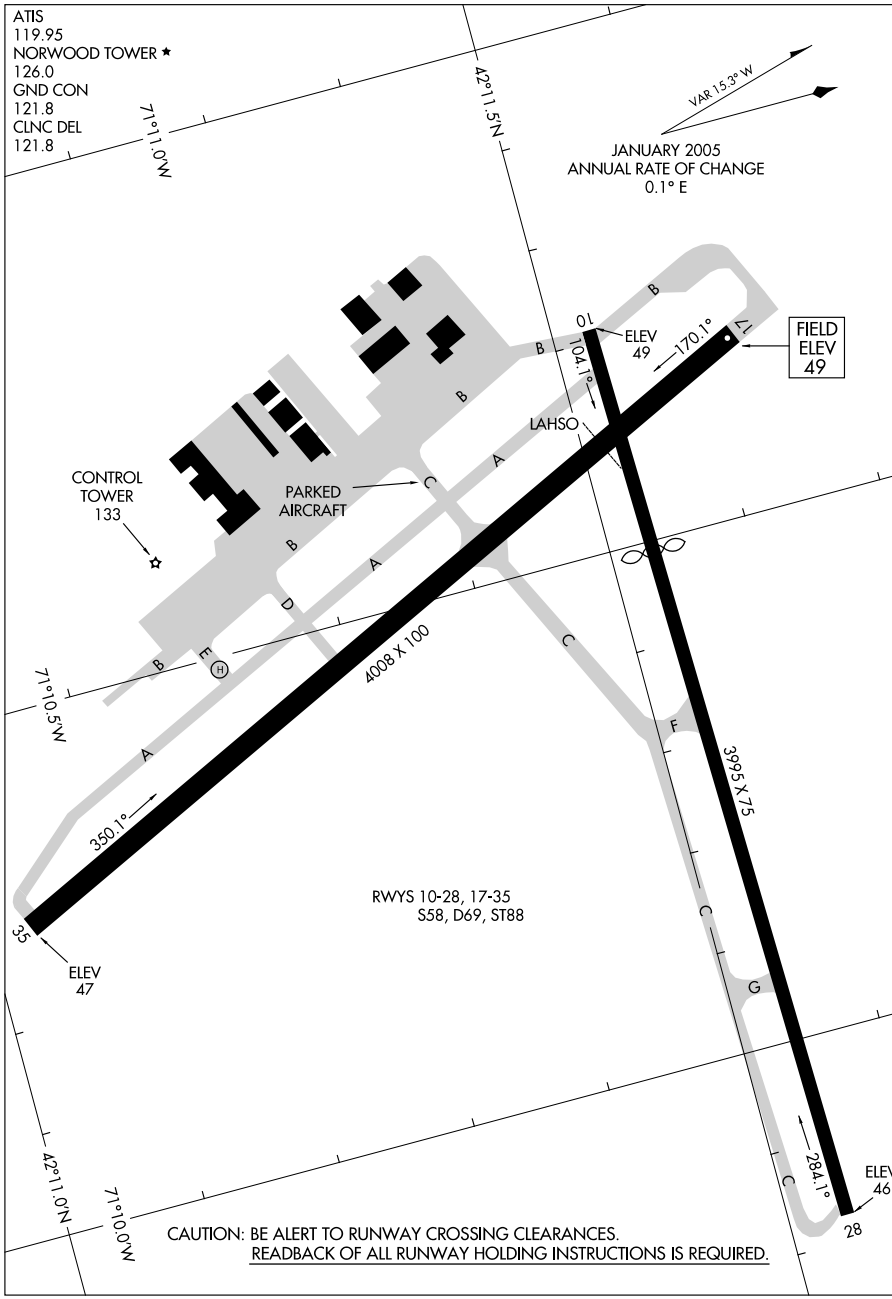
09015

09015

AIRPORT DIAGRAM

AL-725 (FAA)

NORWOOD MEMORIAL (OWD)
NORWOOD, MASSACHUSETTS



AIRPORT DIAGRAM

09015

NORWOOD, MASSACHUSETTS
NORWOOD MEMORIAL (OWD)

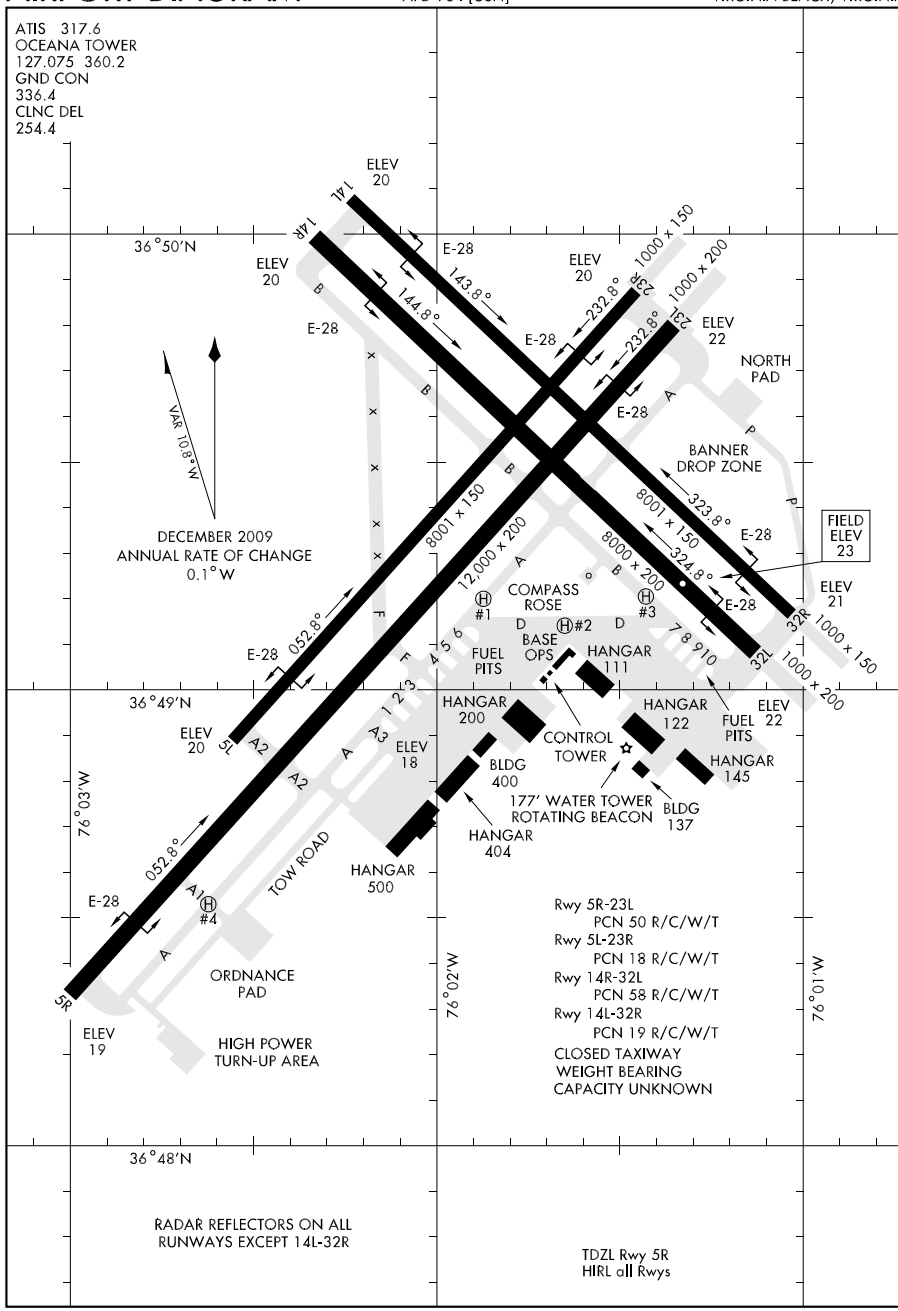
09351

AIRPORT DIAGRAM

OCEANA NAS (APOLLO SOUCEK FIELD) (KNTU)

AFD-934 [USN]

VIRGINIA BEACH, VIRGINIA



AIRPORT DIAGRAM

VIRGINIA BEACH, VIRGINIA

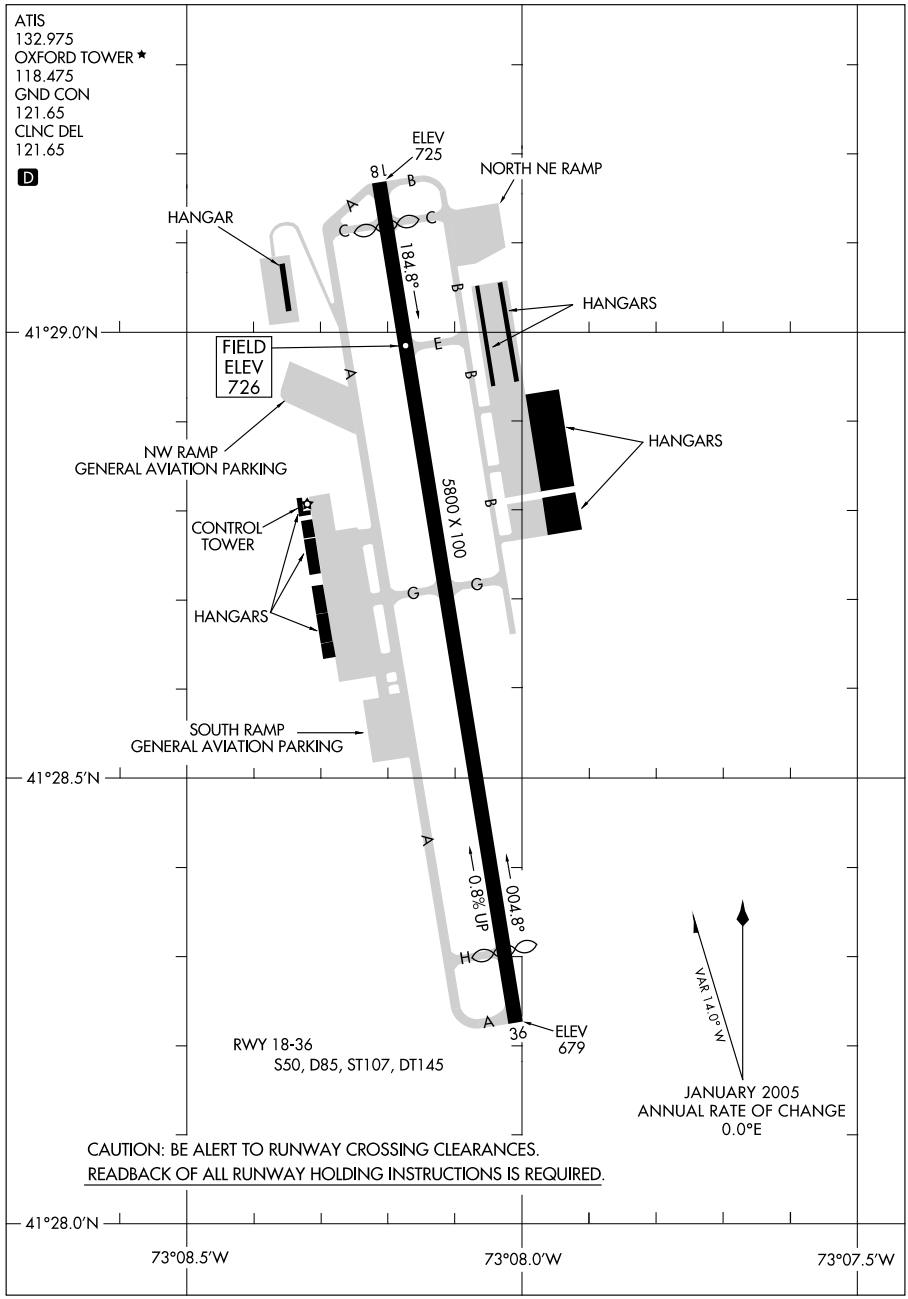
OCEANA NAS (APOLLO SOUCEK FIELD) (KNTU)

09015

AIRPORT DIAGRAM

AL-5785 (FAA)

OXFORD/ WATERBURY-OXFORD (OXC)
OXFORD, CONNECTICUT



AIRPORT DIAGRAM

09015

OXFORD, CONNECTICUT
OXFORD/ WATERBURY-OXFORD (OXC)

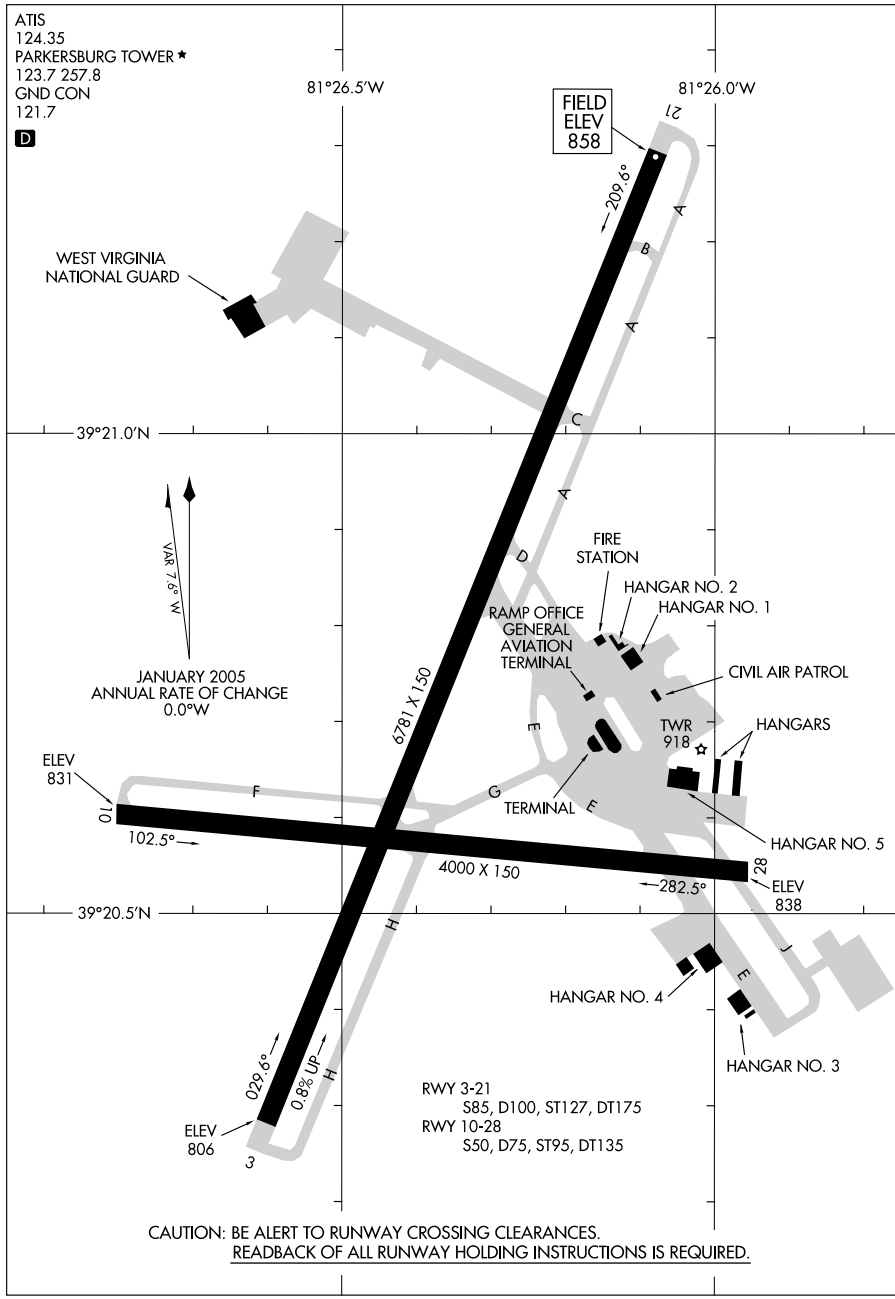
09351

AIRPORT DIAGRAM

PARKERSBURG/MID-OHIO VALLEY RGNL (PKB)

AL-646 (FAA)

PARKERSBURG, WEST VIRGINIA



AIRPORT DIAGRAM

09351

PARKERSBURG, WEST VIRGINIA

PARKERSBURG/MID-OHIO VALLEY RGNL (PKB)

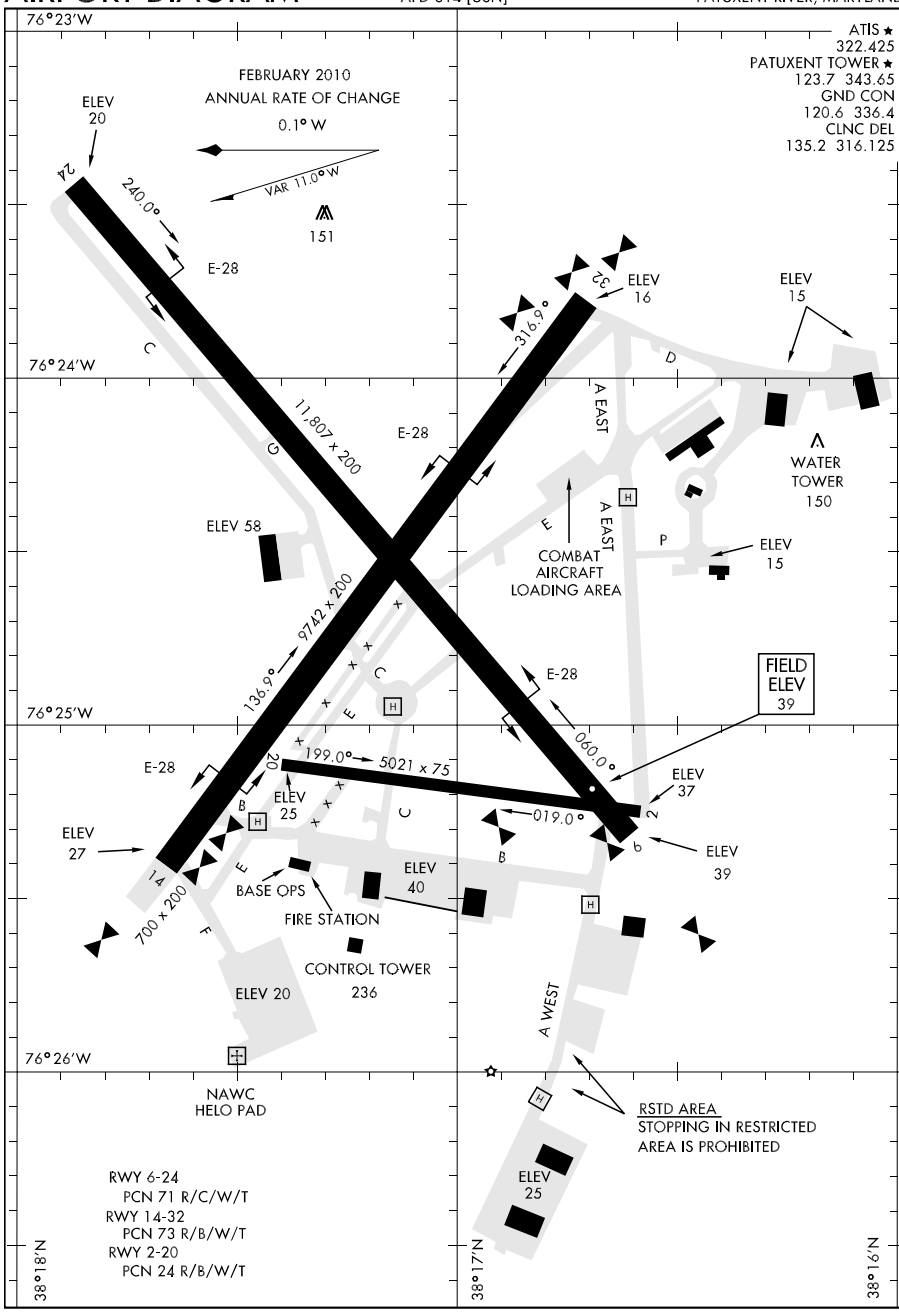
10042

AIRPORT DIAGRAM

PATUXENT RIVER NAS (TRAPNELL FIELD) (KNHK)

AFD-314 [USN]

PATUXENT RIVER, MARYLAND



AIRPORT DIAGRAM

PATUXENT RIVER, MARYLAND

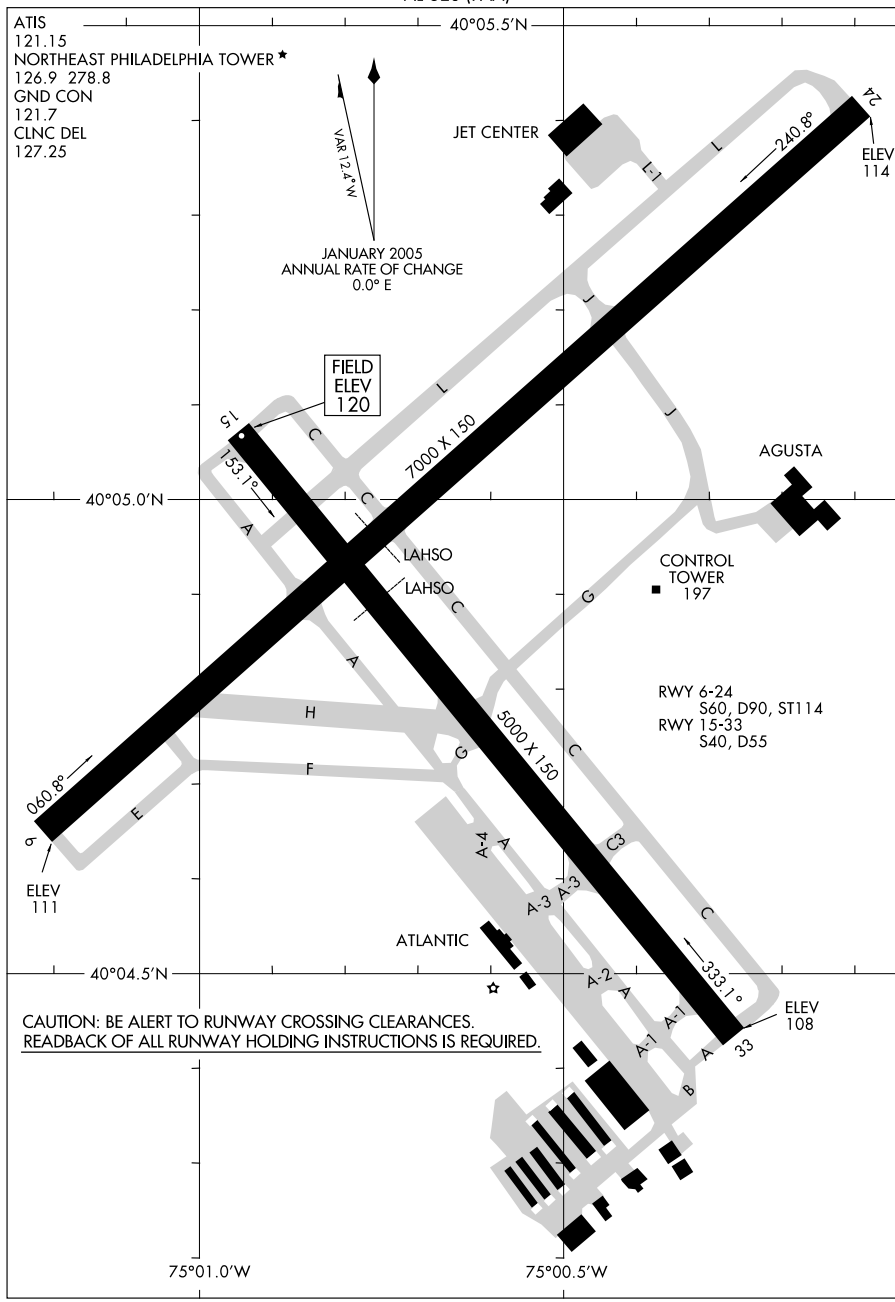
PATUXENT RIVER NAS (TRAPNELL FIELD) (KNHK)

09295

AIRPORT DIAGRAM

PHILADELPHIA / NORTHEAST PHILADELPHIA (PNE)
PHILADELPHIA, PENNSYLVANIA

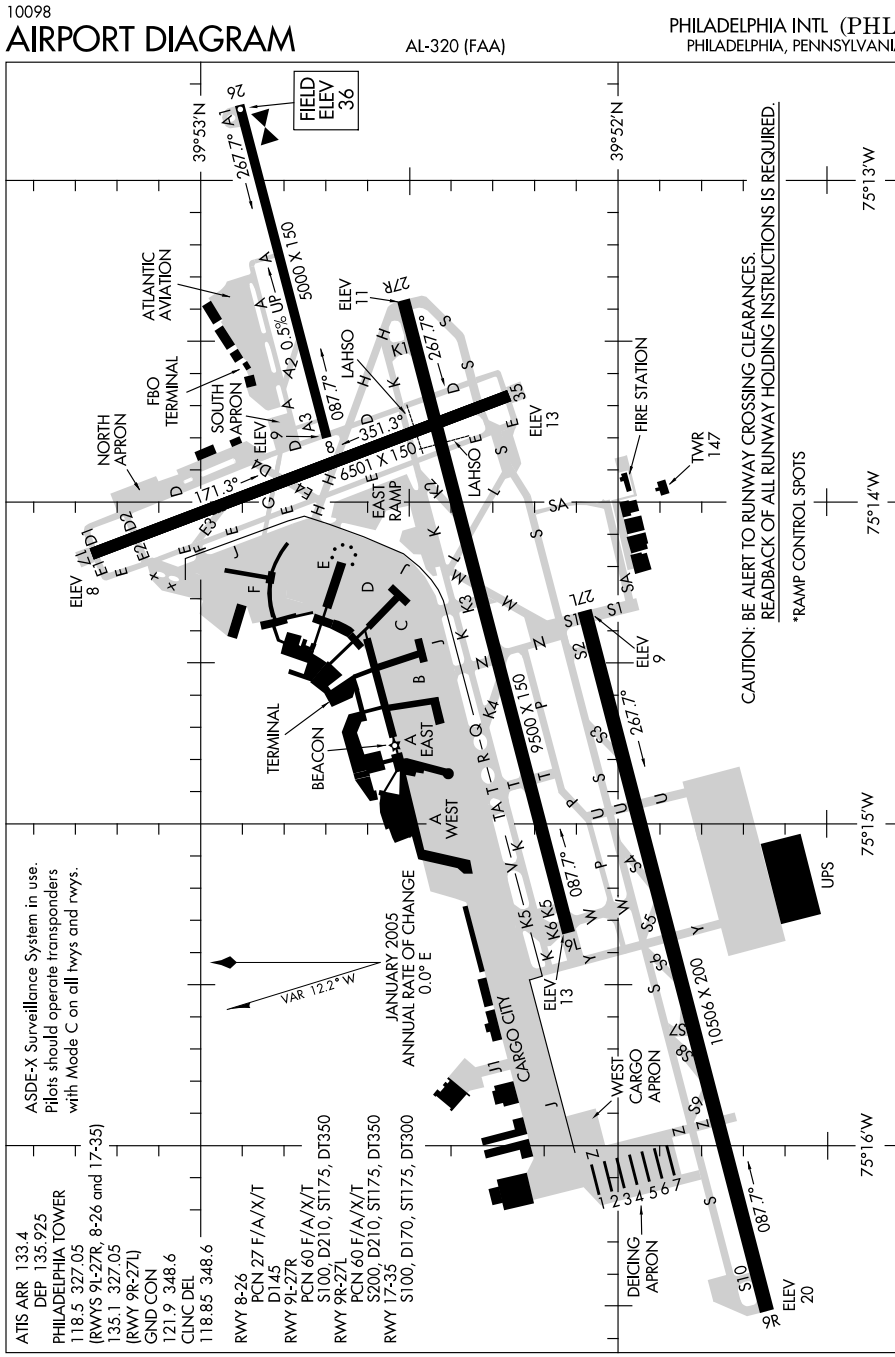
AL-528 (FAA)



AIRPORT DIAGRAM

PHILADELPHIA, PENNSYLVANIA
PHILADELPHIA / NORTHEAST PHILADELPHIA (PNE)

09295

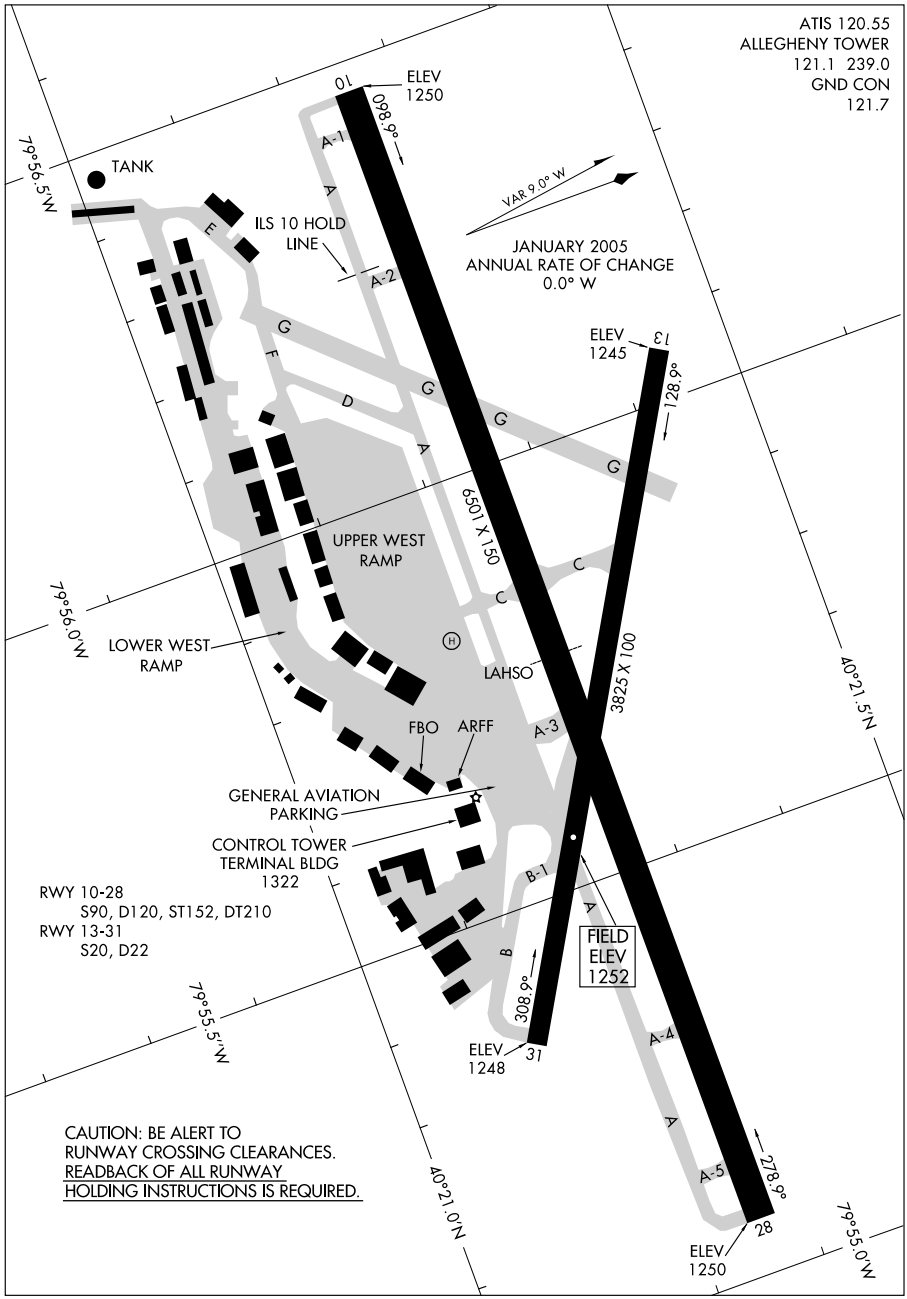

10098
AIRPORT DIAGRAM
AL-320 (FAA)
PHILADELPHIA INTL (PHL)
PHILADELPHIA, PENNSYLVANIA
FIELD ELEV 36
5000 X 150
6501 X 150
9500 X 150
10506 X 200
ATLANTIC AVIATION FBO TERMINAL
NORTH APRON
SOUTH APRON
EAST RAMP
TERMINAL
BEACON
A EAST
A WEST
LAHSO
ELEV 11
ELEV 13
ELEV 9
ELEV 8
ELEV 20
FIRE STATION
TWR 147
CARGO CITY
WEST CARGO APRON
DEICING APRON
UPS
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
*RAMP CONTROL SPOTS
ASDE-X Surveillance System in use.
Pilots should operate transponders with Mode C on all twys and rwys.
VAR 12.2°W
JANUARY 2005
ANNUAL RATE OF CHANGE
0.0° E
ATIS ARR 133.4
DEP 135.925
PHILADELPHIA TOWER
118.5 327.05
(RWYS 9L-27R, 8-26 and 17-35)
135.1 327.05
(RWY 9R-27L)
GND CON
121.9 348.6
CLNC DEL
118.85 348.6
RWY 8-26
PCN 27 F/A/X/T
D145
RWY 9L-27R
PCN 60 F/A/X/T
S100, D210, ST175, DT350
RWY 9R-27L
PCN 60 F/A/X/T
S200, D210, ST175, DT350
RWY 17-35
S100, D170, ST175, DT300
39°53'N
39°52'N
75°13'W
75°14'W
75°15'W
75°16'W
AIRPORT DIAGRAM
10098
PHILADELPHIA, PENNSYLVANIA
PHILADELPHIA INTL (PHL)

07242

AIRPORT DIAGRAM

AL-326 (FAA)

PITTSBURGH / ALLEGHENY COUNTY (AGC)
PITTSBURGH, PENNSYLVANIA



AIRPORT DIAGRAM

07242

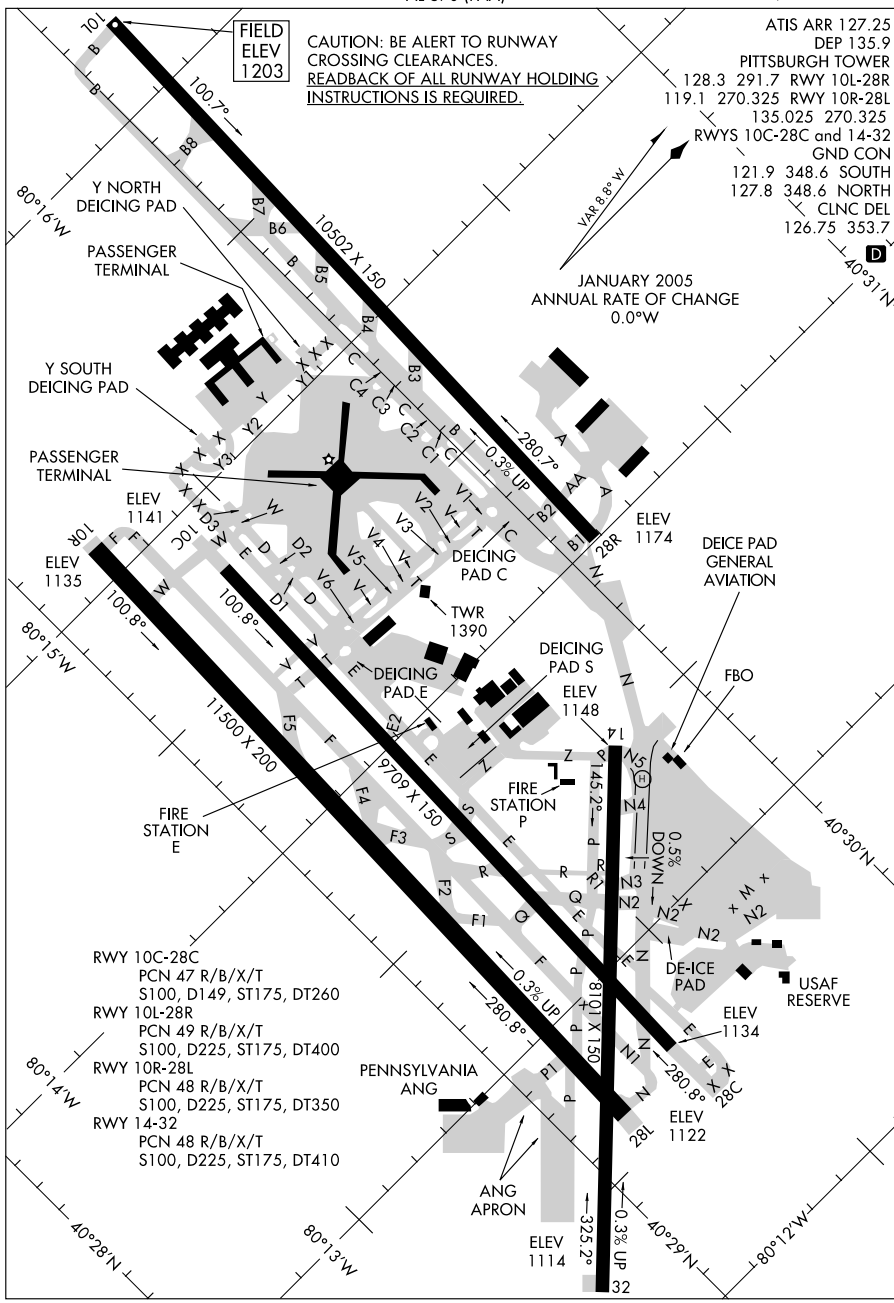
PITTSBURGH, PENNSYLVANIA
PITTSBURGH / ALLEGHENY COUNTY (AGC)

10098

AIRPORT DIAGRAM

AL-570 (FAA)

PITTSBURGH INTL (PIT)
PITTSBURGH, PENNSYLVANIA



RWY 10C-28C
PCN 47 R/B/X/T
S100, D149, ST175, DT260
RWY 10L-28R
PCN 49 R/B/X/T
S100, D225, ST175, DT400
RWY 10R-28L
PCN 48 R/B/X/T
S100, D225, ST175, DT350
RWY 14-32
PCN 48 R/B/X/T
S100, D225, ST175, DT410

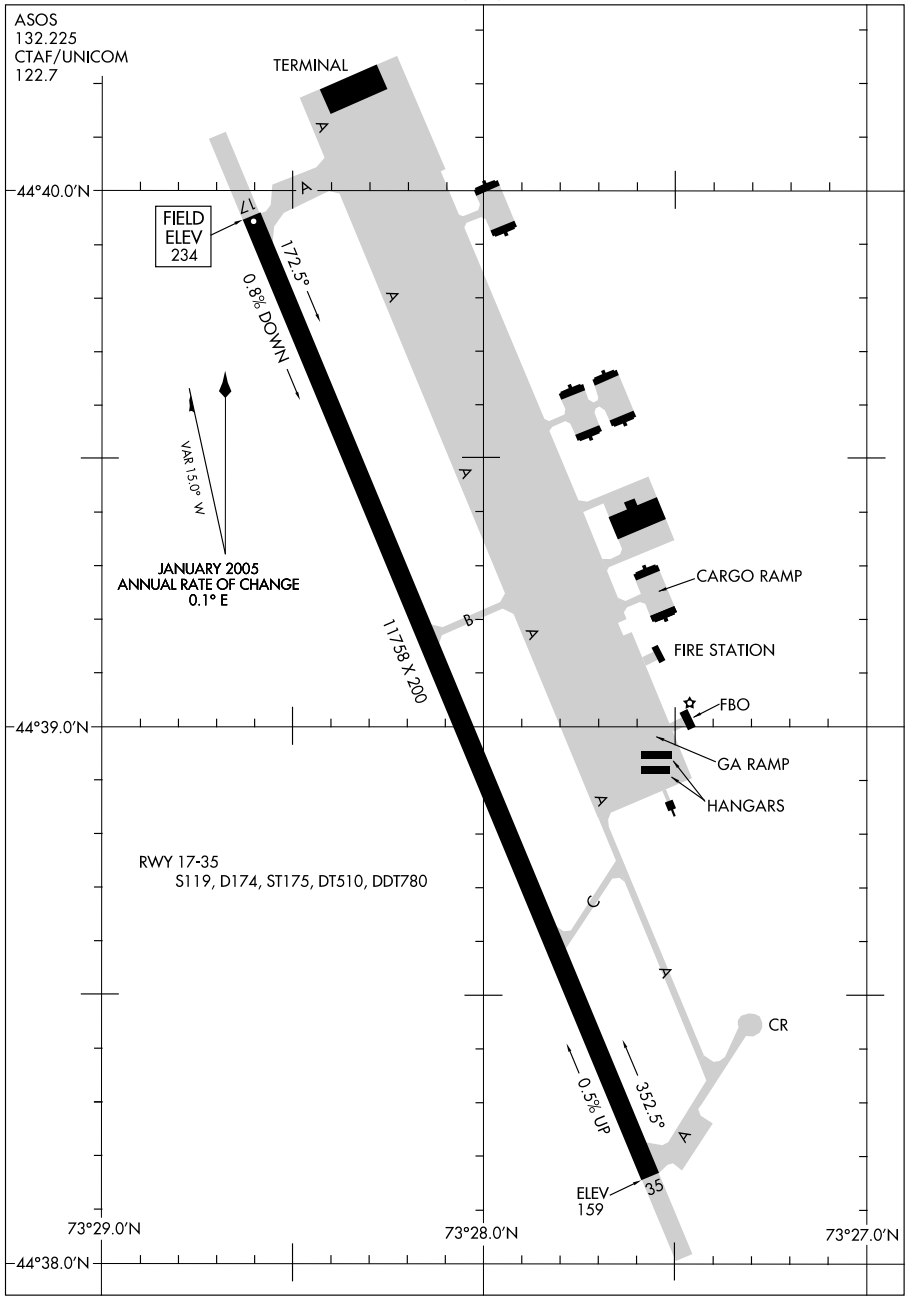
AIRPORT DIAGRAM
10098
PITTSBURGH, PENNSYLVANIA
PITTSBURGH INTL (PIT)

09071

AIRPORT DIAGRAM

AL-729 (FAA)

PLATTSBURGH INTL (PBG)
PLATTSBURGH, NEW YORK



AIRPORT DIAGRAM

09071

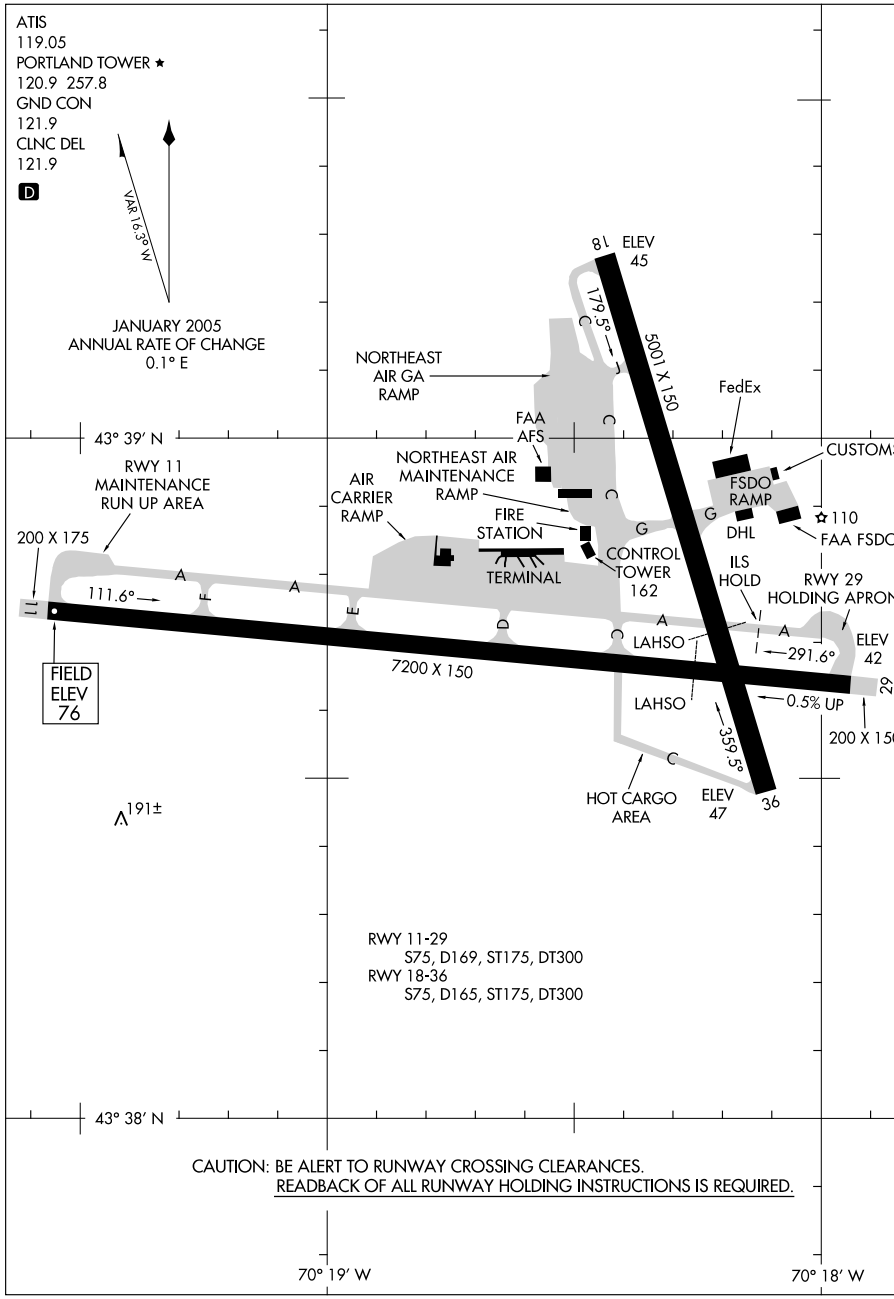
PLATTSBURGH, NEW YORK
PLATTSBURGH INTL (PBG)

09015

AIRPORT DIAGRAM

AL-329 (FAA)

PORTLAND INTL JETPORT (PWM)
PORTLAND, MAINE



AIRPORT DIAGRAM

09015

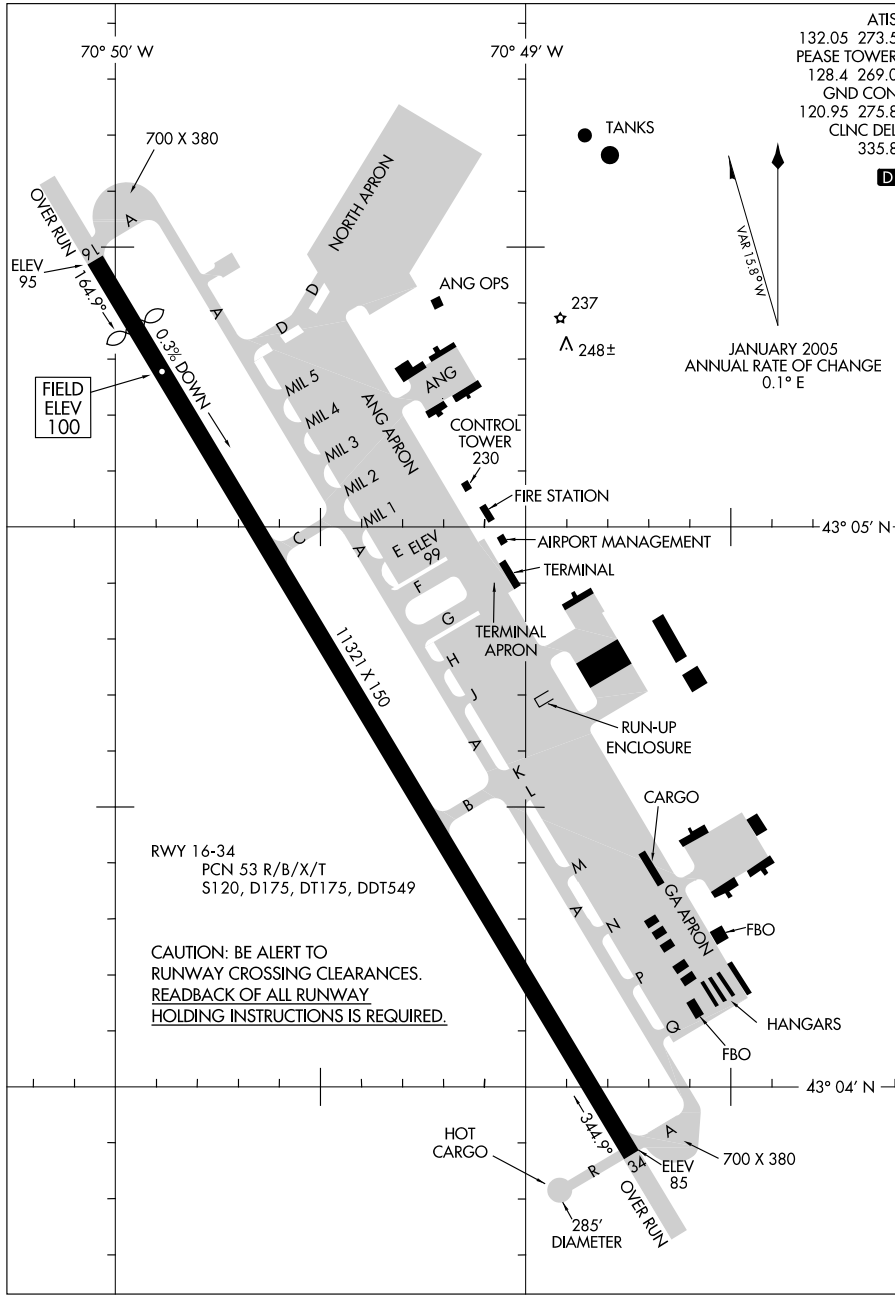
PORTLAND, MAINE
PORTLAND INTL JETPORT (PWM)

09239

AIRPORT DIAGRAM

AL-678 (FAA)

PORTSMOUTH INTL AT PEASE (PSM)
PORTSMOUTH, NEW HAMPSHIRE



AIRPORT DIAGRAM

09239

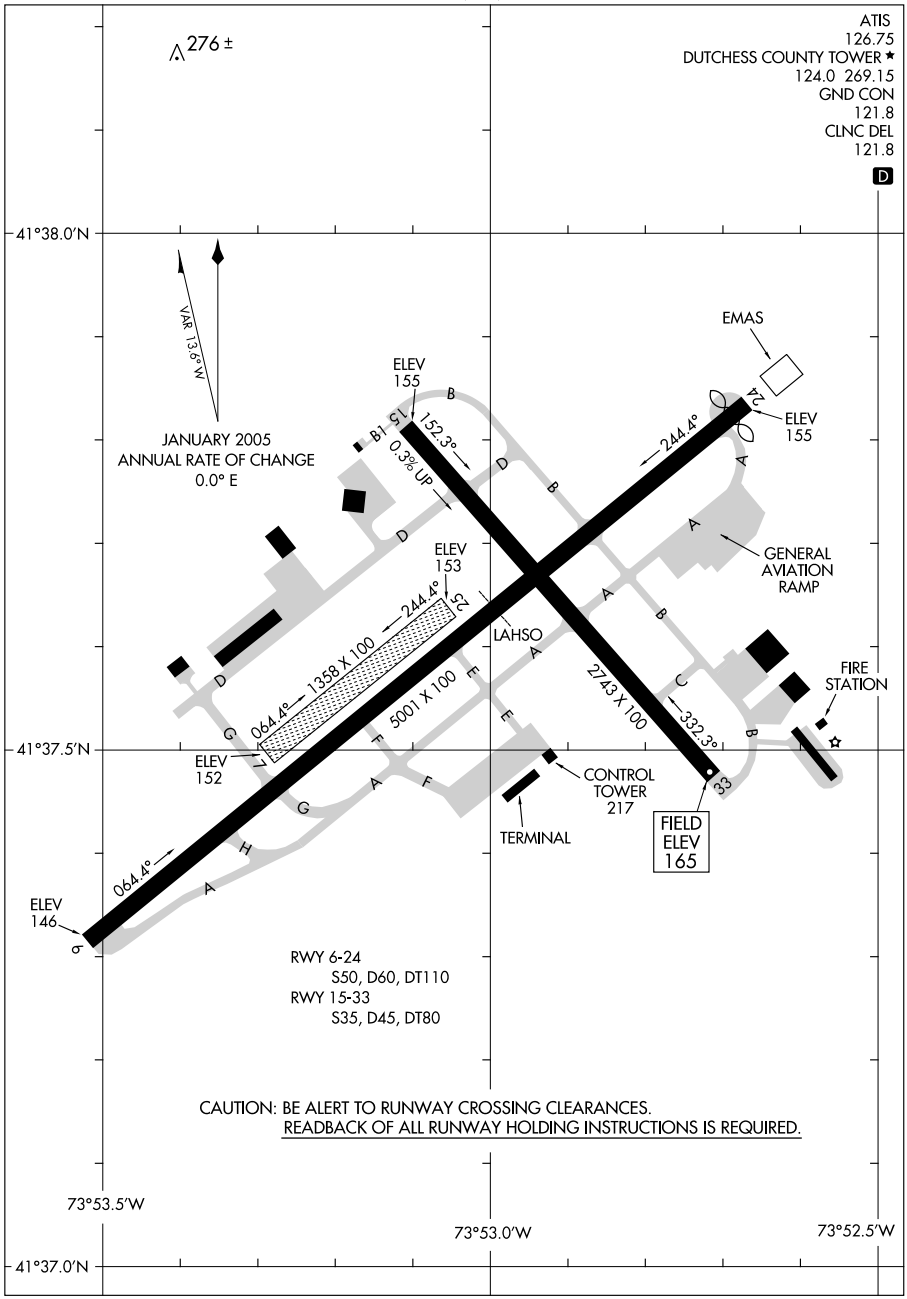
PORTSMOUTH, NEW HAMPSHIRE
PORTSMOUTH INTL AT PEASE (PSM)

10042

AIRPORT DIAGRAM

AL-286 (FAA)

POUGHKEEPSIE/DUTCHESS COUNTY (POU)
POUGHKEEPSIE, NEW YORK



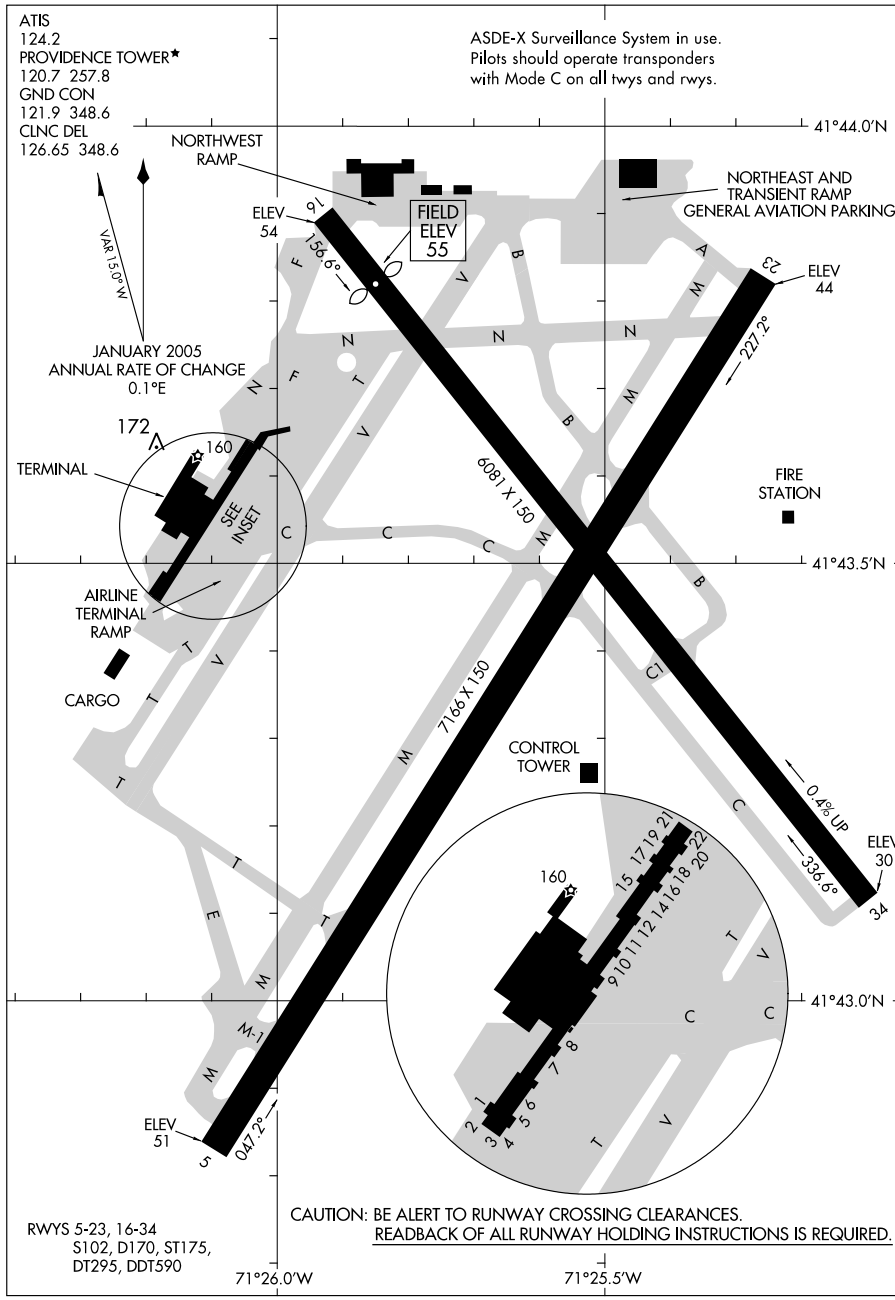
AIRPORT DIAGRAM
10042

POUGHKEEPSIE, NEW YORK
POUGHKEEPSIE/DUTCHESS COUNTY (POU)

09351

AIRPORT DIAGRAM

PROVIDENCE / THEODORE FRANCIS GREEN STATE (PVD)
AL-333 (FAA)
PROVIDENCE, RHODE ISLAND



AIRPORT DIAGRAM

PROVIDENCE, RHODE ISLAND
PROVIDENCE / THEODORE FRANCIS GREEN STATE (PVD)

09351

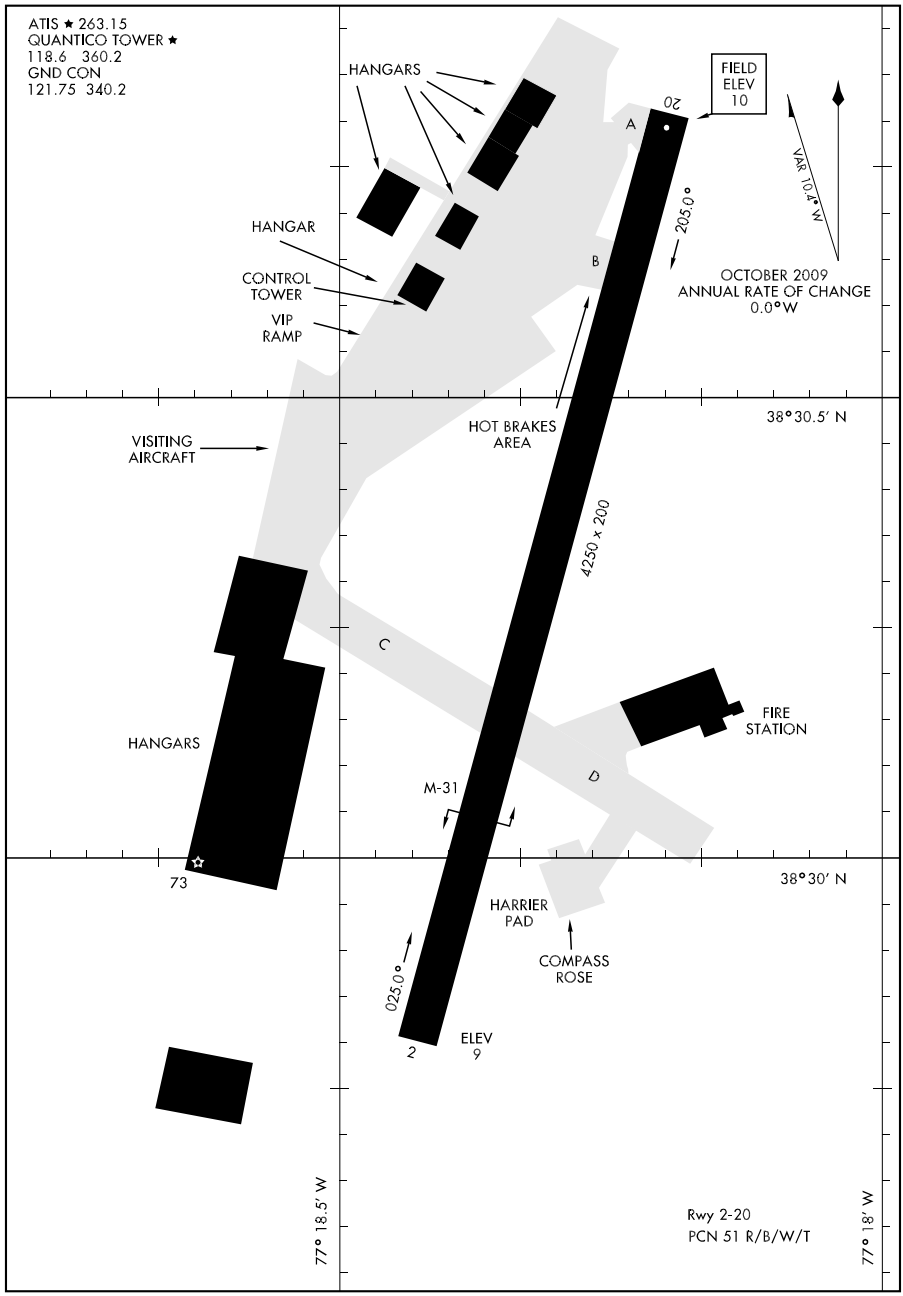
09295

AIRPORT DIAGRAM

AFD-339 [USN]

QUANTICO MCAF (TURNER FIELD) (KNYG)

QUANTICO, VIRGINIA



AIRPORT DIAGRAM

QUANTICO, VIRGINIA

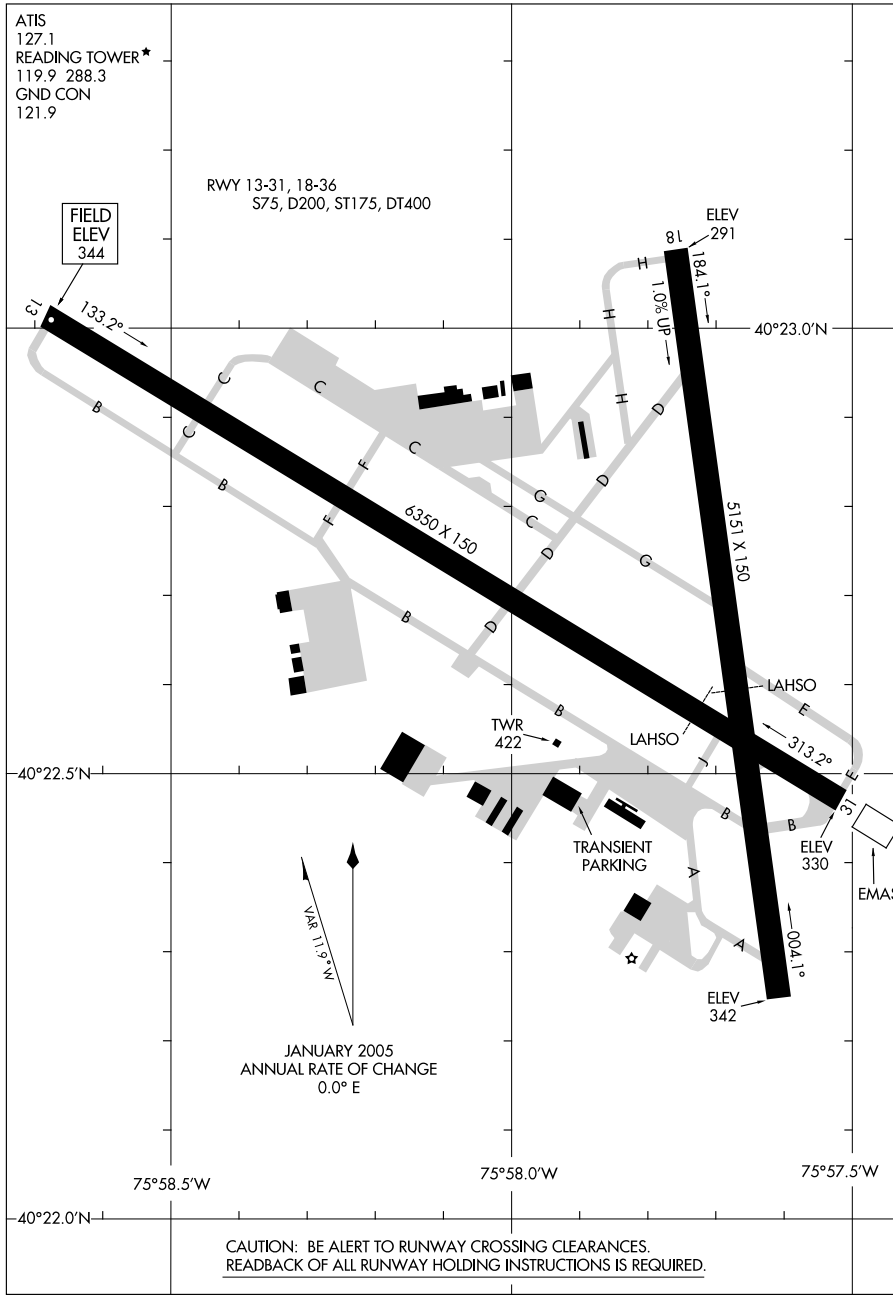
QUANTICO MCAF (TURNER FIELD) (KNYG)

10042

AIRPORT DIAGRAM

READING RGNL /CARL A SPAATZ FIELD (RDG)
READING, PENNSYLVANIA

AL-627 (FAA)



AIRPORT DIAGRAM

10042

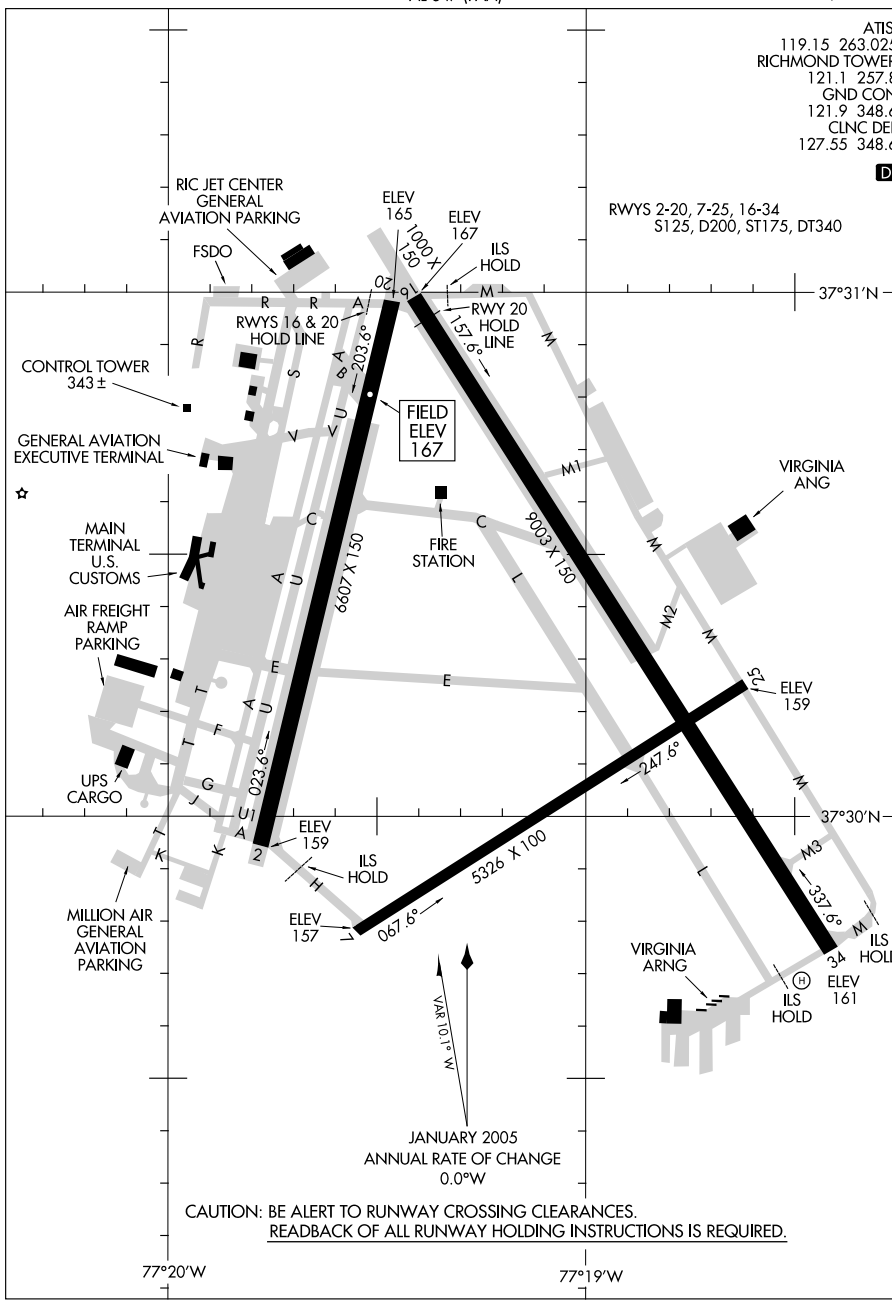
READING, PENNSYLVANIA
READING RGNL /CARL A SPAATZ FIELD (RDG)

09351

AIRPORT DIAGRAM

AL-347 (FAA)

RICHMOND INTL (RIC)
RICHMOND, VIRGINIA



AIRPORT DIAGRAM

09351

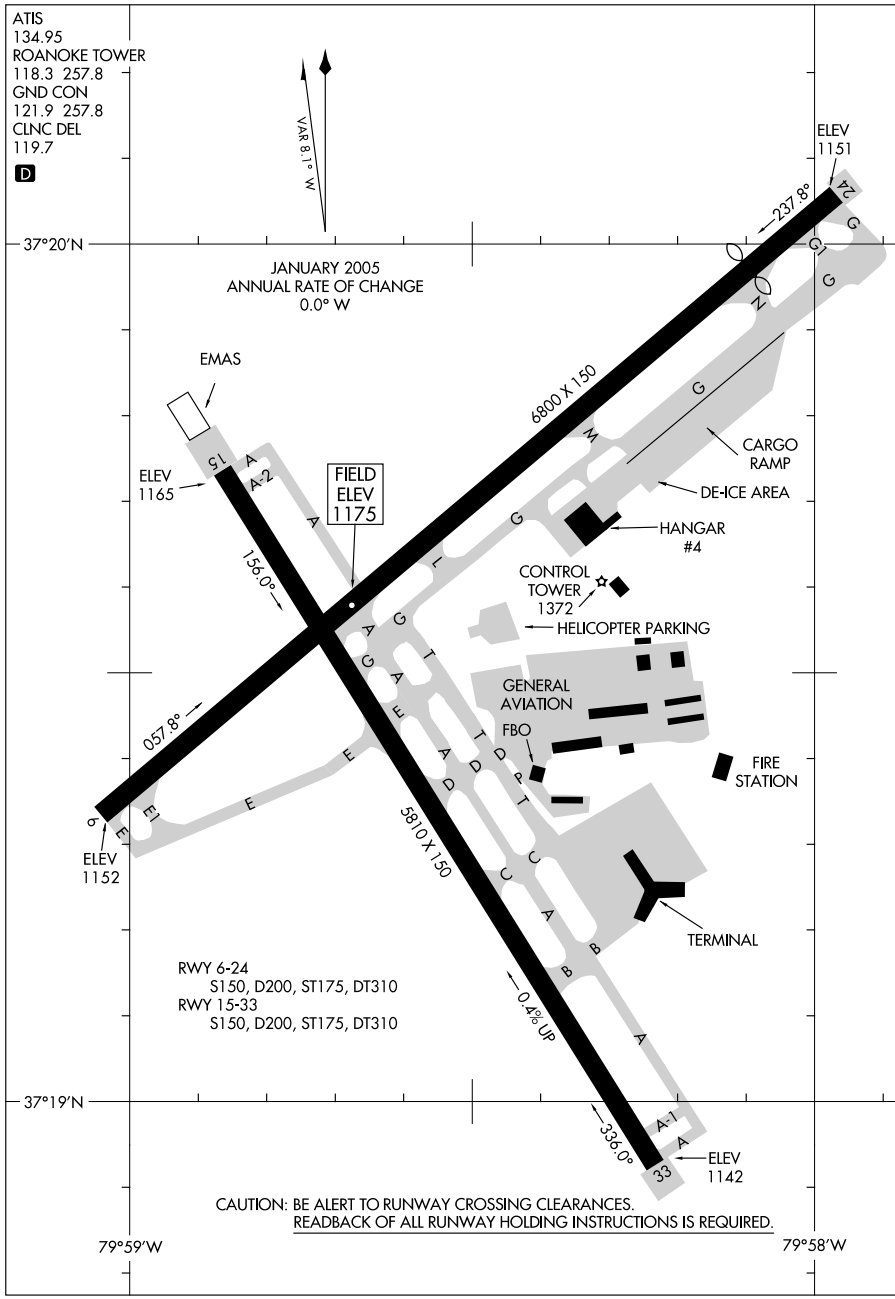
RICHMOND, VIRGINIA
RICHMOND INTL (RIC)

10042

AIRPORT DIAGRAM

AL-349 (FAA)

ROANOKE RGNL/WOODRUM FIELD (ROA)
ROANOKE, VIRGINIA



AIRPORT DIAGRAM

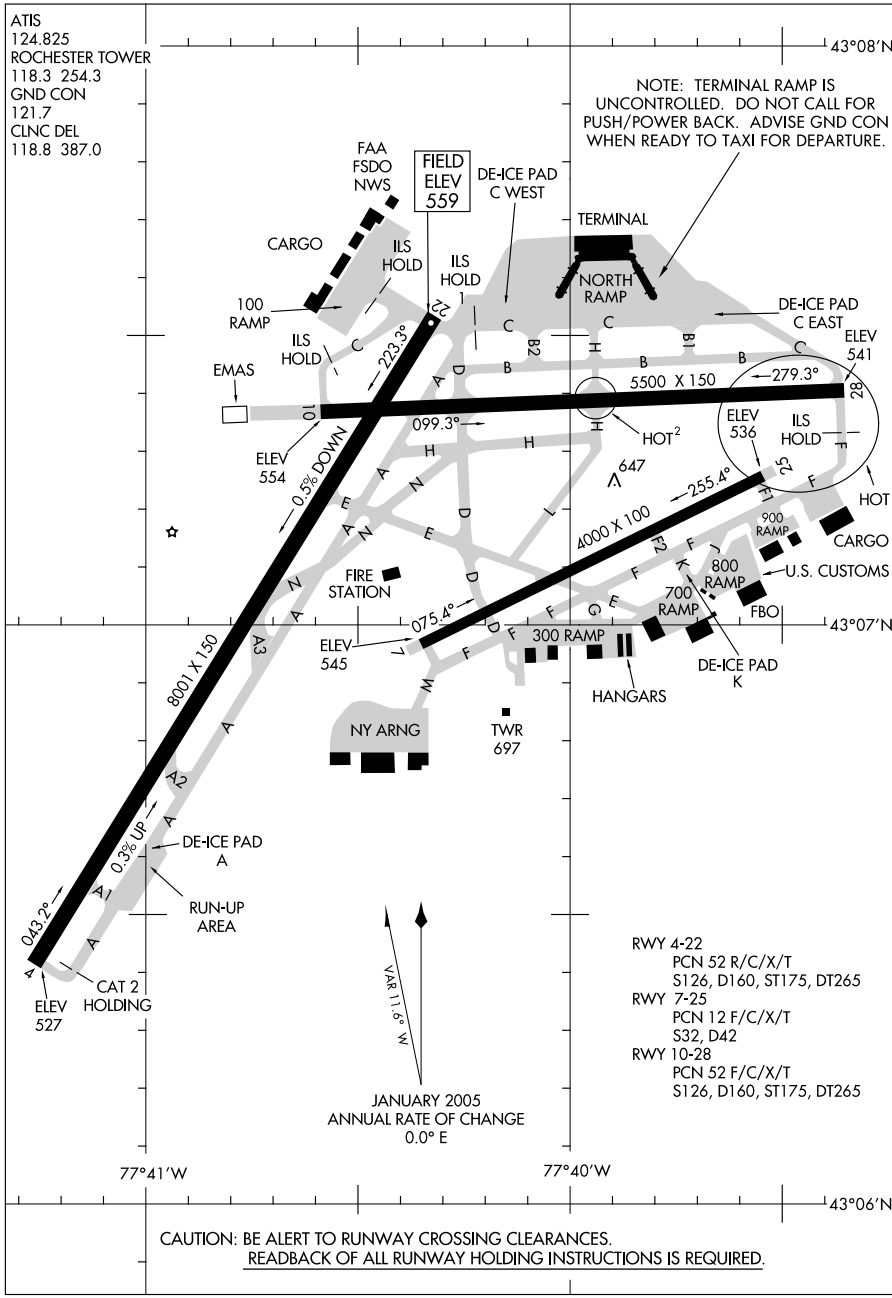
10042

ROANOKE, VIRGINIA
ROANOKE RGNL/WOODRUM FIELD (ROA)

10098

AIRPORT DIAGRAM

ROCHESTER/GREATER ROCHESTER INTL (ROC)
AL-351 (FAA)
ROCHESTER, NEW YORK



AIRPORT DIAGRAM

10098

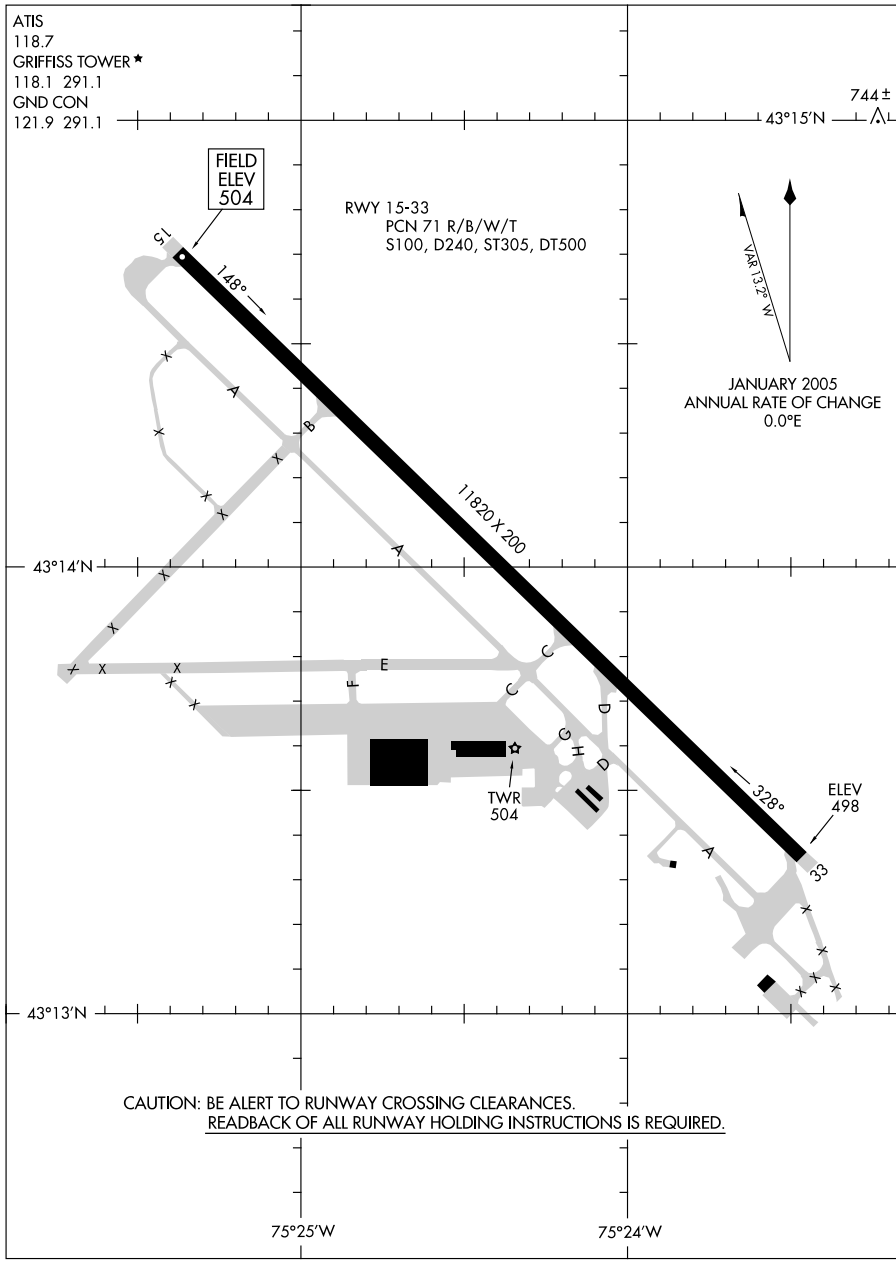
ROCHESTER, NEW YORK
ROCHESTER/GREATER ROCHESTER INTL (ROC)

09295

AIRPORT DIAGRAM

AL-9515 (FAA)

ROME/GRIFFISS INTL (RME)
ROME, NEW YORK



AIRPORT DIAGRAM

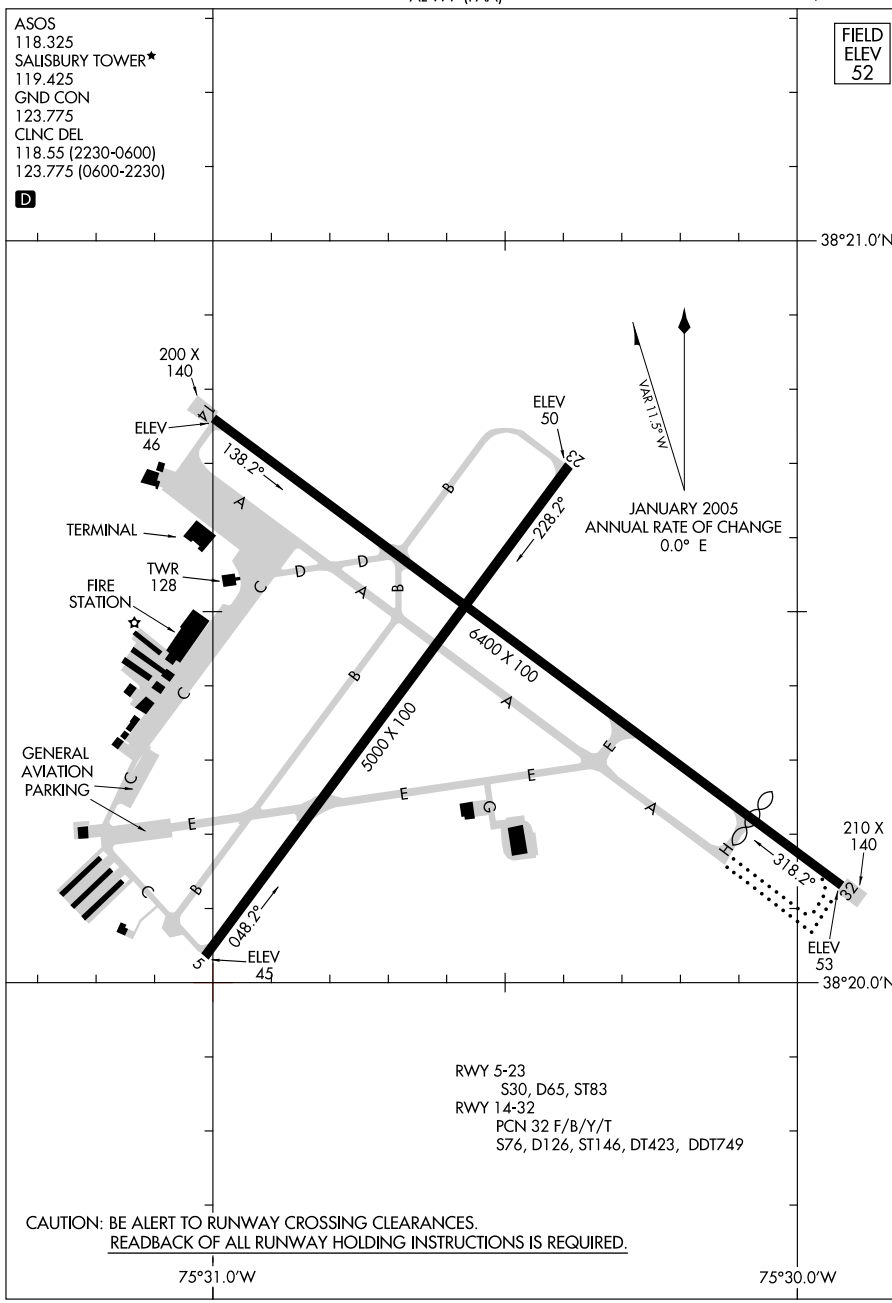
09295

ROME, NEW YORK
ROME/GRIFFISS INTL (RME)

10098

AIRPORT DIAGRAM

SALISBURY-OCEAN CITY WICOMICO RGNL (SBY)
SALISBURY, MARYLAND
AL-977 (FAA)



AIRPORT DIAGRAM

10098

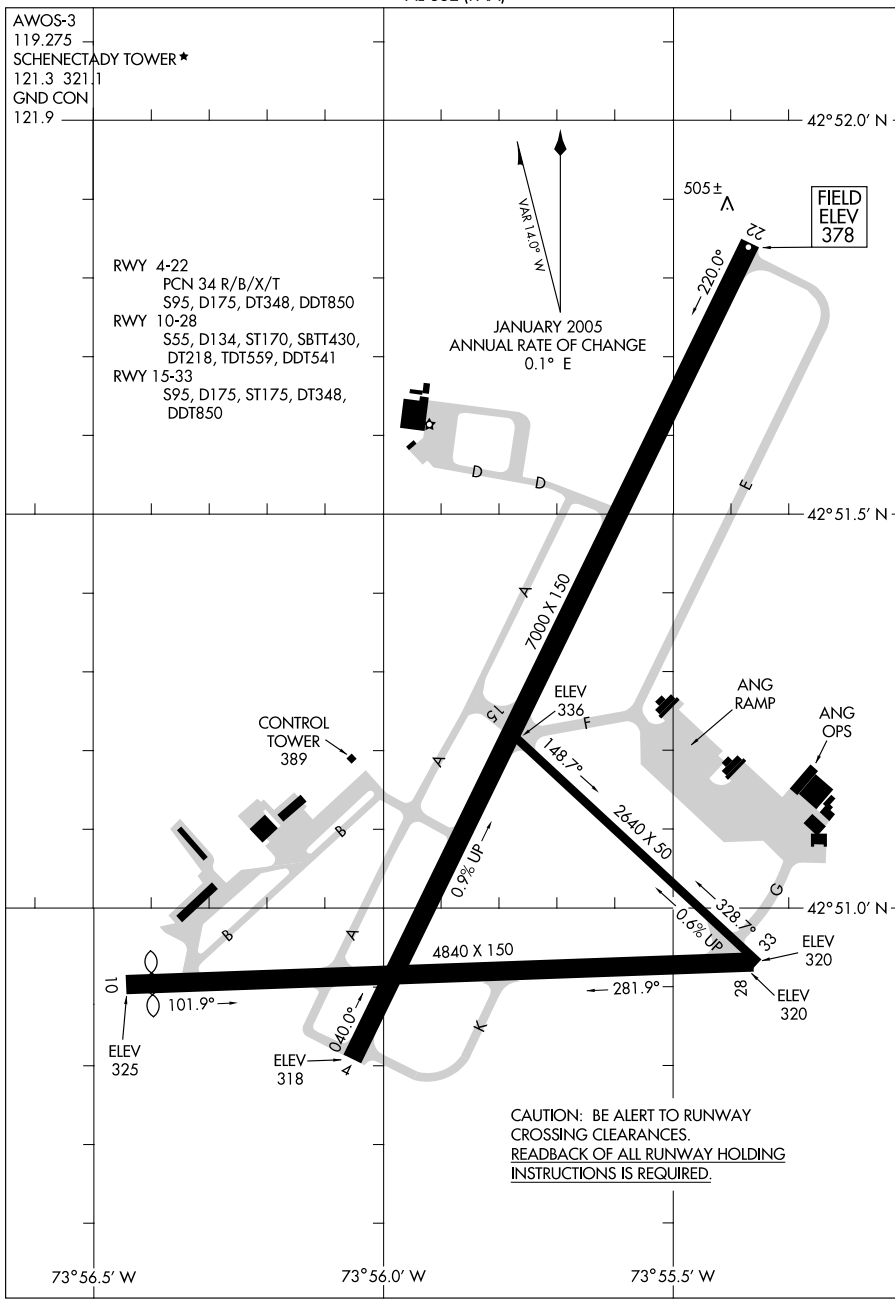
SALISBURY, MARYLAND
SALISBURY-OCEAN CITY WICOMICO RGNL (SBY)

09183

AIRPORT DIAGRAM

SCHENECTADY COUNTY (SCH)
SCHENECTADY, NEW YORK

AL-382 (FAA)



AIRPORT DIAGRAM

09183

SCHENECTADY, NEW YORK
SCHENECTADY COUNTY (SCH)

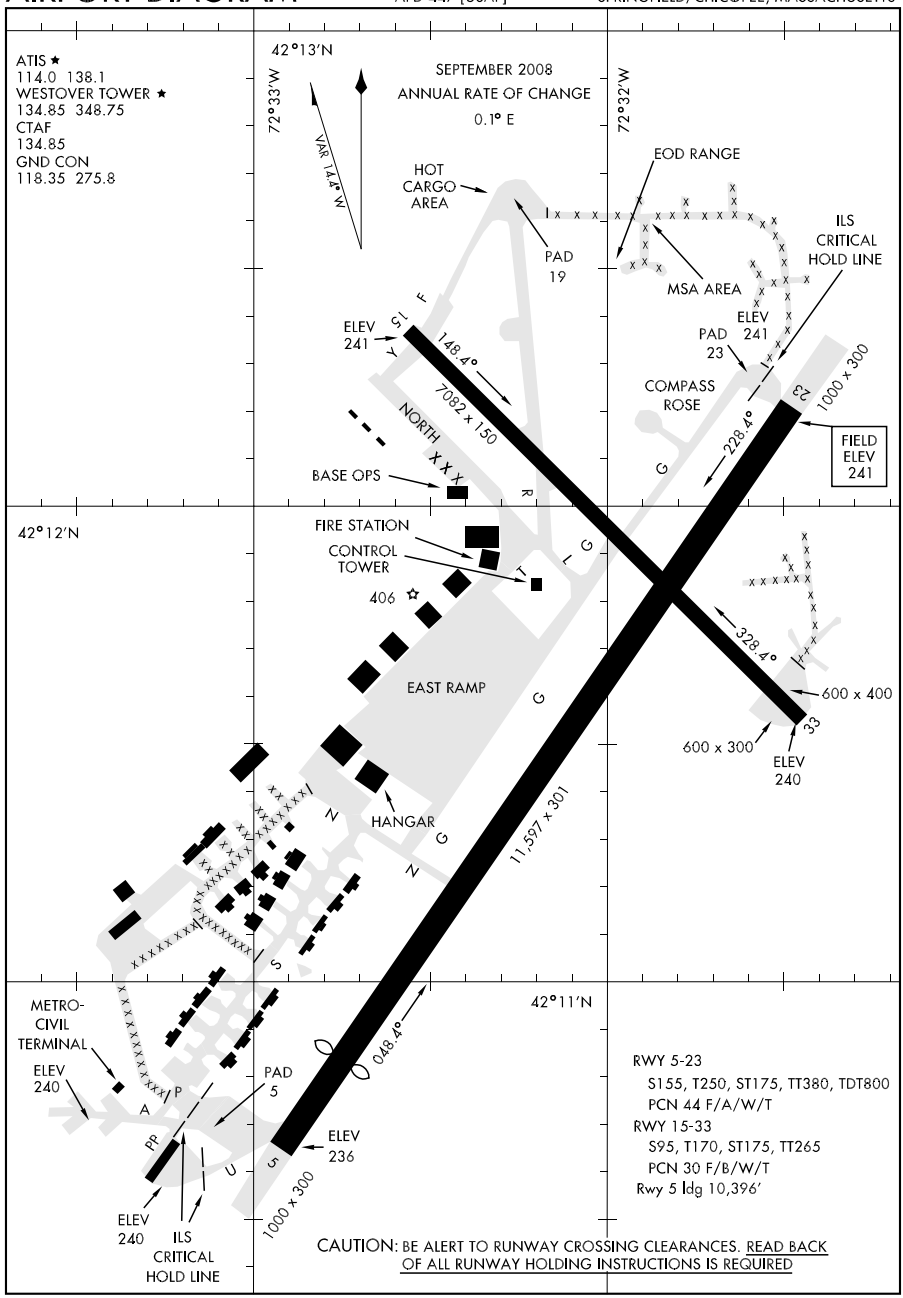
08269

AIRPORT DIAGRAM

WESTOVER ARB/METROPOLITAN (KCEF)

AFD-447 [USAF]

SPRINGFIELD/CHICOPEE, MASSACHUSETTS



AIRPORT DIAGRAM

SPRINGFIELD/CHICOPEE, MASSACHUSETTS

WESTOVER ARB/METROPOLITAN (KCEF)

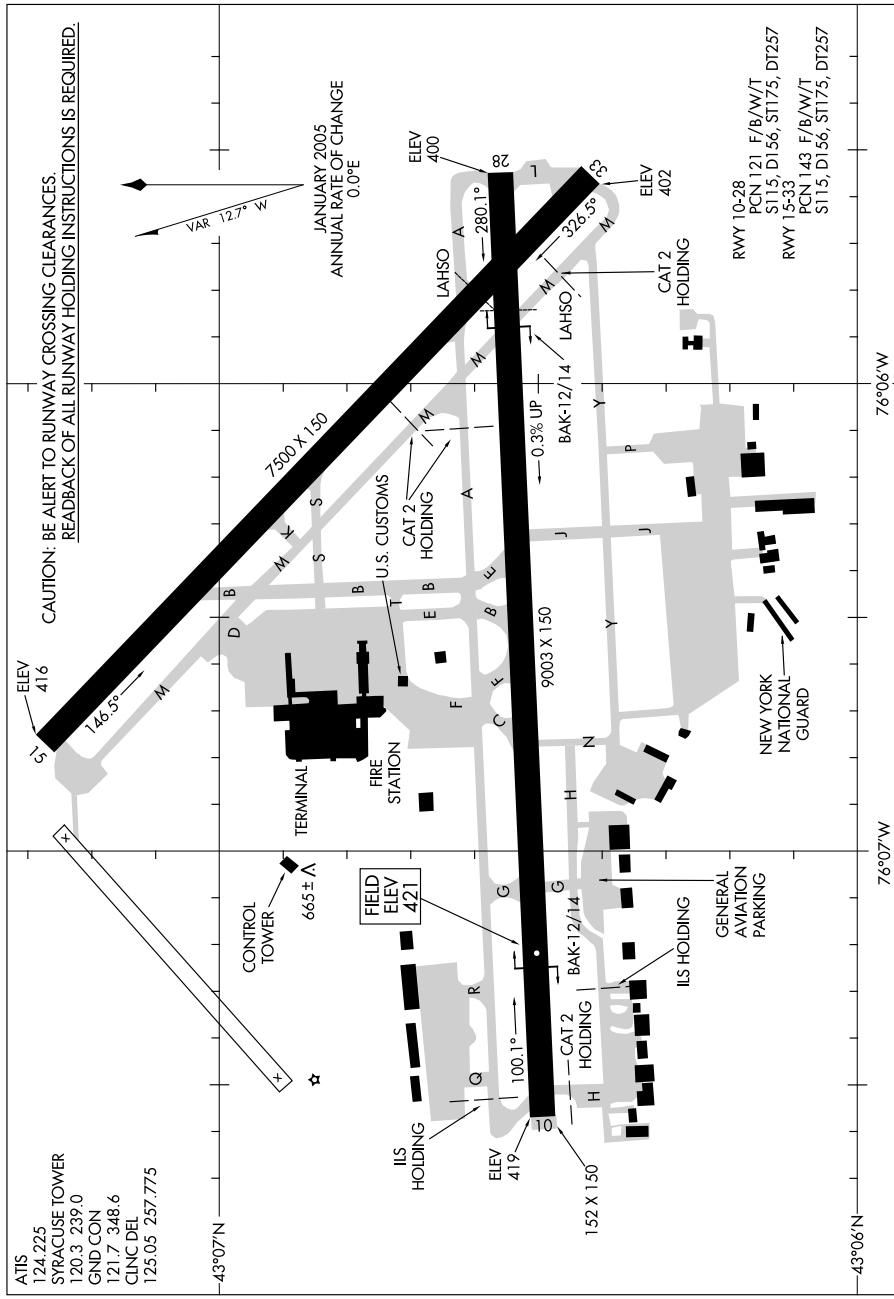
09239

AIRPORT DIAGRAM

AL-411 (FAA)

SYRACUSE HANCOCK INTL (SYR)

SYRACUSE, NEW YORK



AIRPORT DIAGRAM

09239

SYRACUSE, NEW YORK

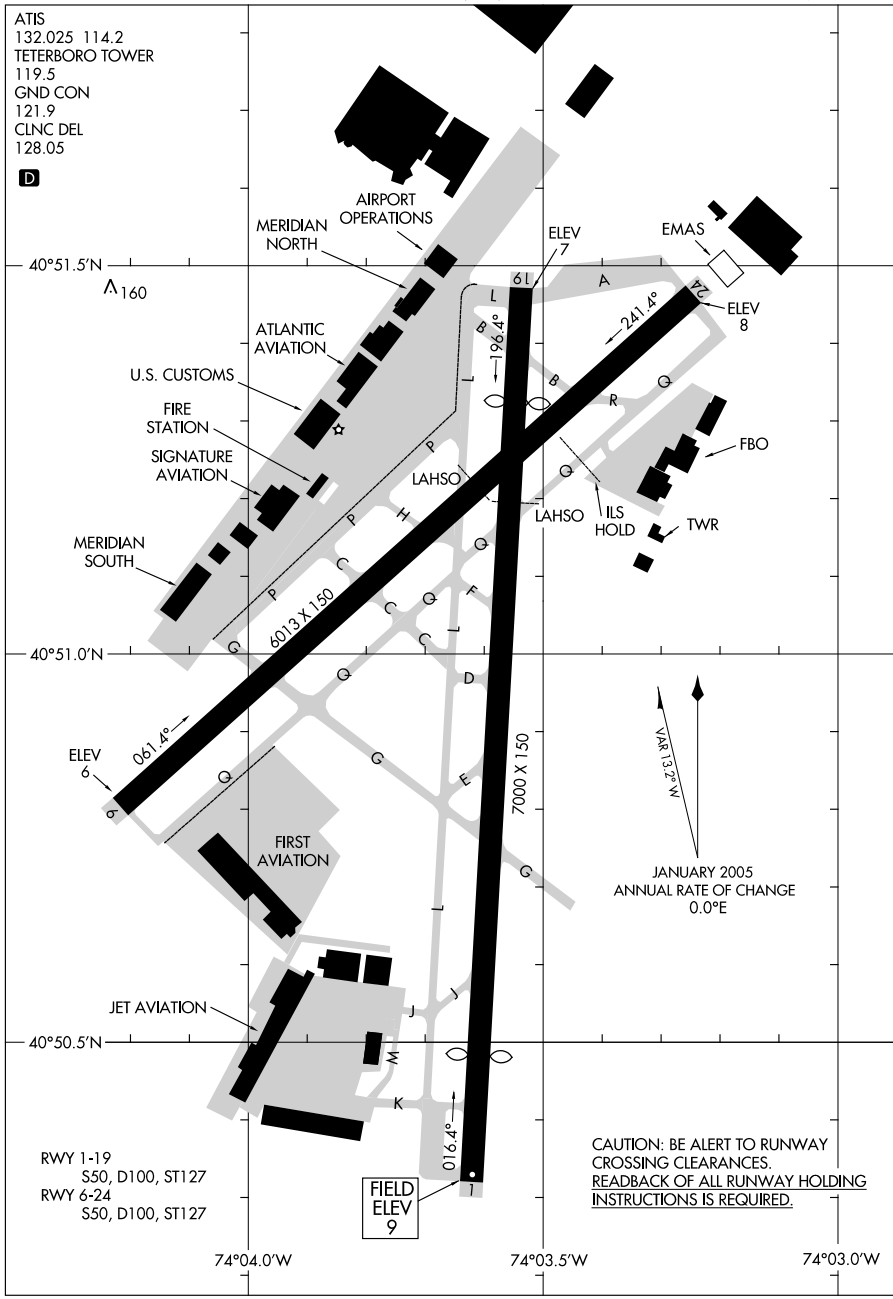
SYRACUSE HANCOCK INTL (SYR)

10042

AIRPORT DIAGRAM

AL-890 (FAA)

TETERBORO (TEB)
TETERBORO, NEW JERSEY



AIRPORT DIAGRAM

10042

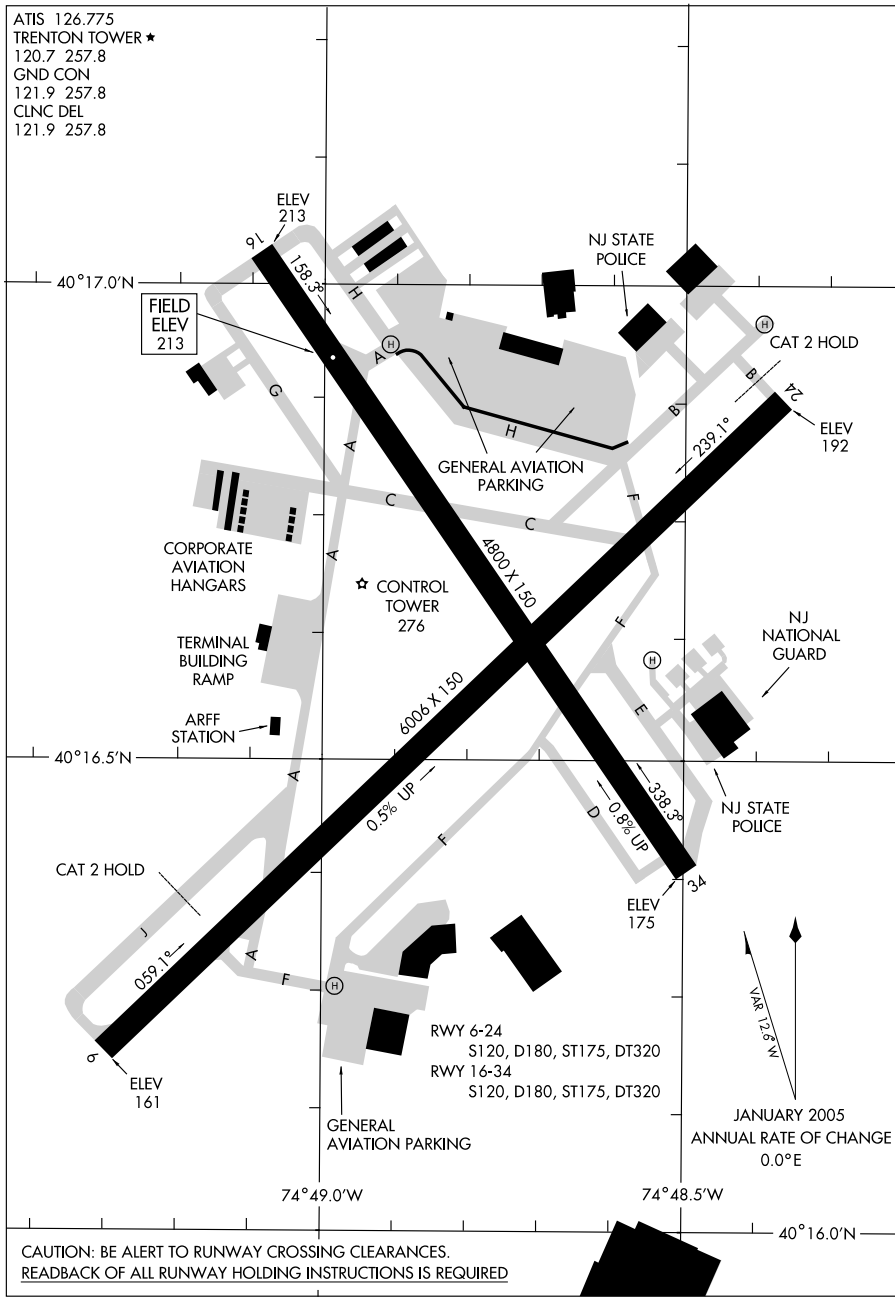
TETERBORO, NEW JERSEY
TETERBORO (TEB)

08045

AIRPORT DIAGRAM

AL-982 (FAA)

TRENTON MERCER (TTN)
TRENTON, NEW JERSEY



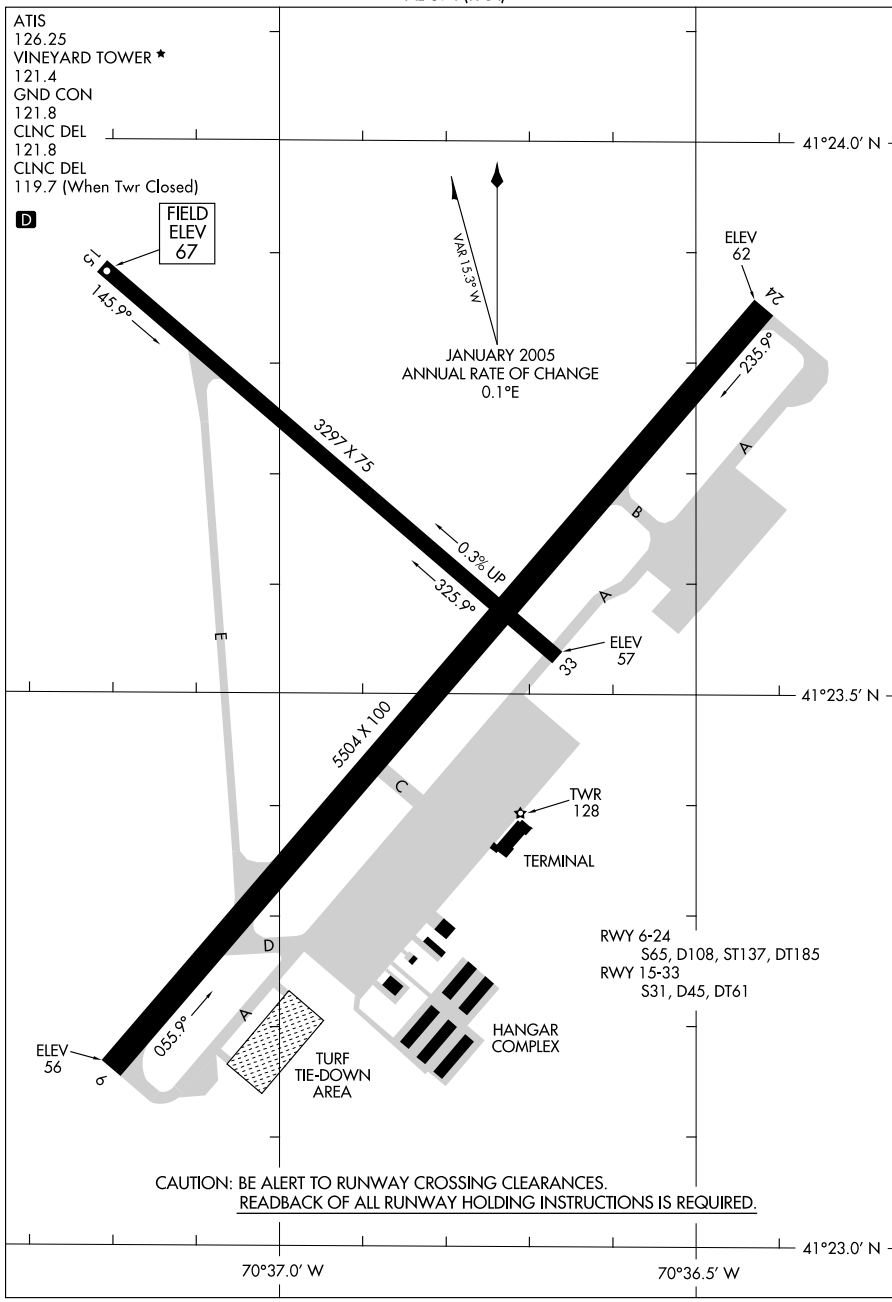
AIRPORT DIAGRAM
08045
TRENTON, NEW JERSEY
TRENTON MERCER (TTN)

09239

AIRPORT DIAGRAM

VINEYARD HAVEN / MARTHAS VINEYARD (MVY)
VINEYARD HAVEN, MASSACHUSETTS

AL-694 (FAA)



AIRPORT DIAGRAM

VINEYARD HAVEN, MASSACHUSETTS
VINEYARD HAVEN / MARTHAS VINEYARD (MVY)

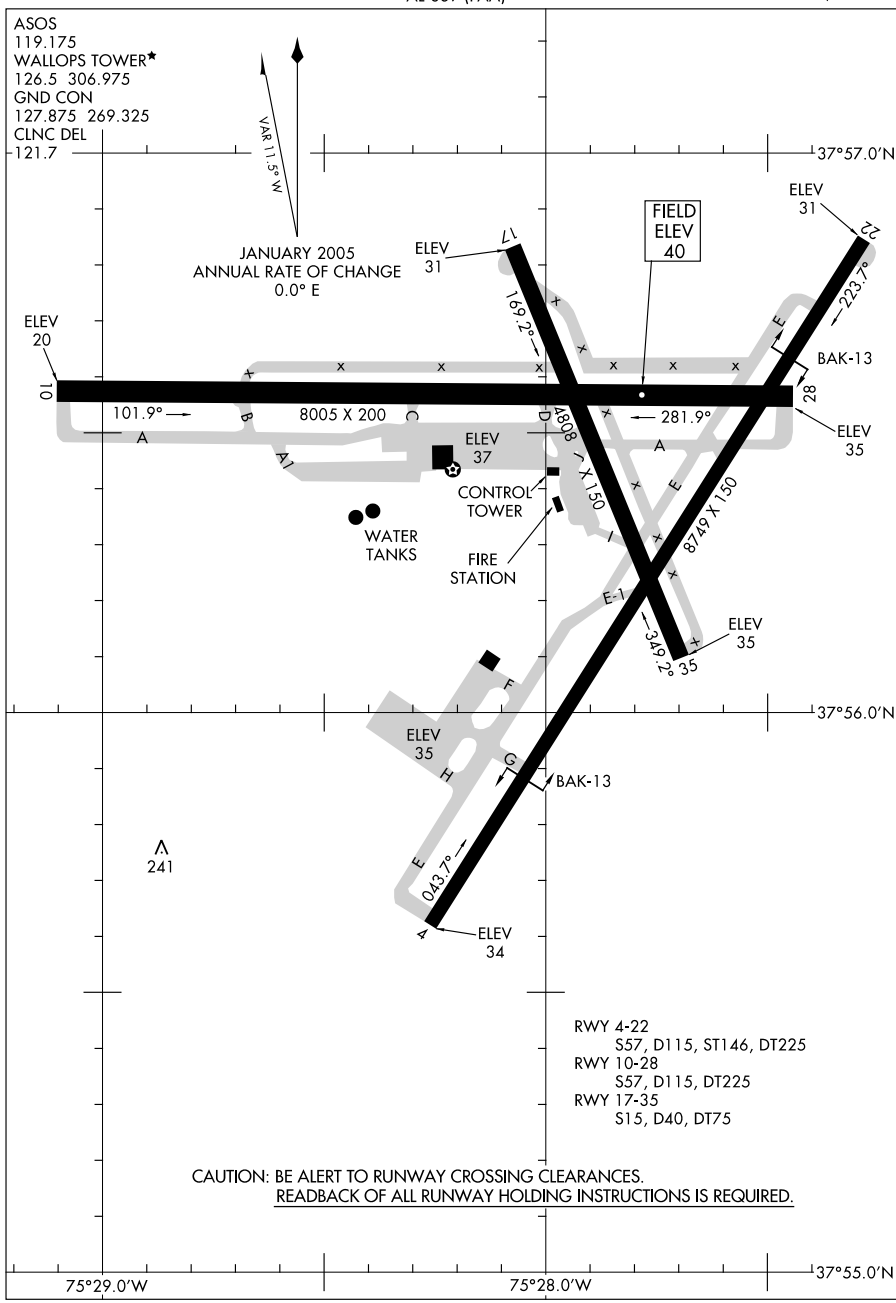
09239

10042

AIRPORT DIAGRAM

AL-639 (FAA)

WALLOPS FLIGHT FACILITY (WAL)
WALLOPS ISLAND, VIRGINIA



AIRPORT DIAGRAM

10042

WALLOPS ISLAND, VIRGINIA
WALLOPS FLIGHT FACILITY (WAL)

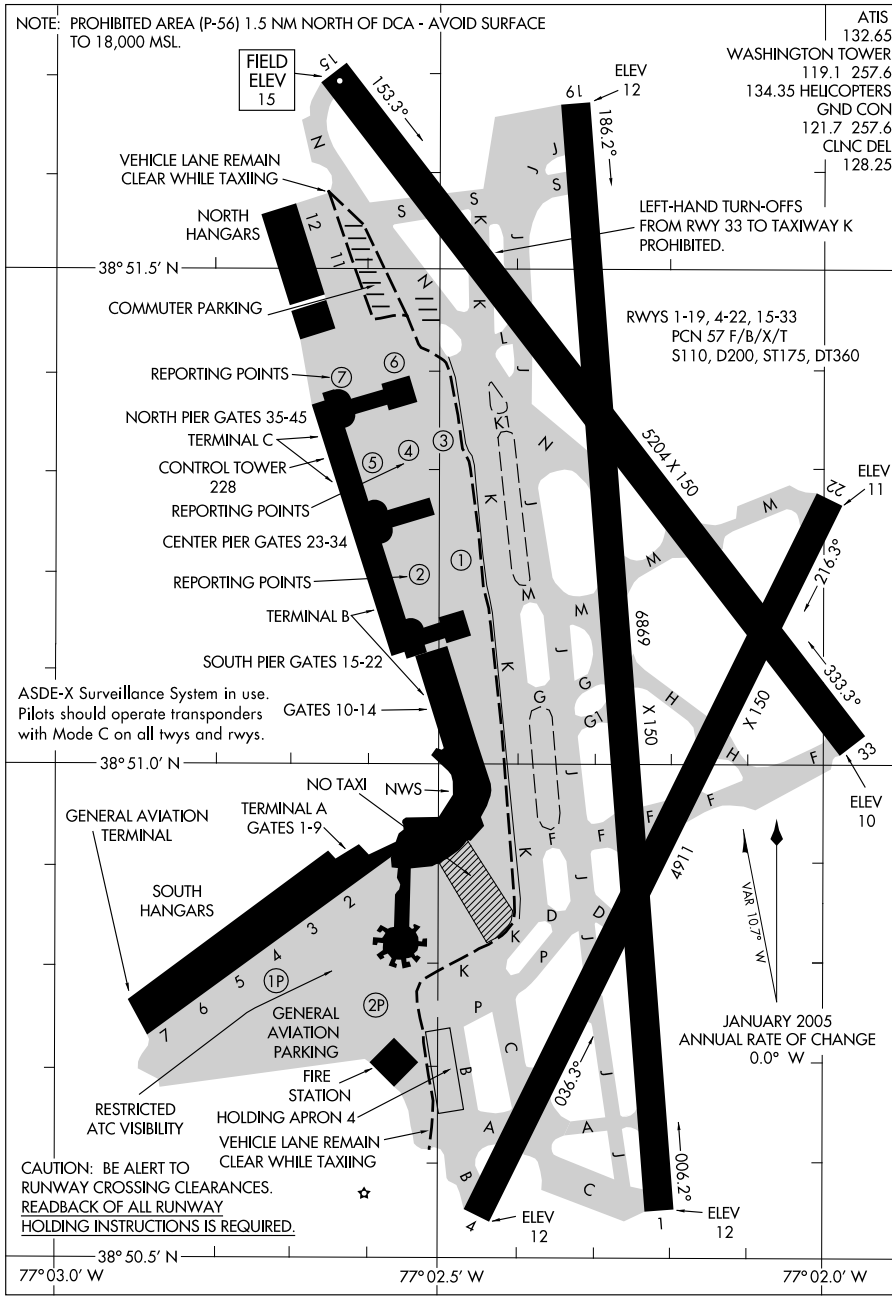
09351

AIRPORT DIAGRAM

WASHINGTON / RONALD REAGAN WASHINGTON NATIONAL (DCA)

AL-443 (FAA)

WASHINGTON, D.C.



AIRPORT DIAGRAM

09351

WASHINGTON / RONALD REAGAN WASHINGTON NATIONAL (DCA)

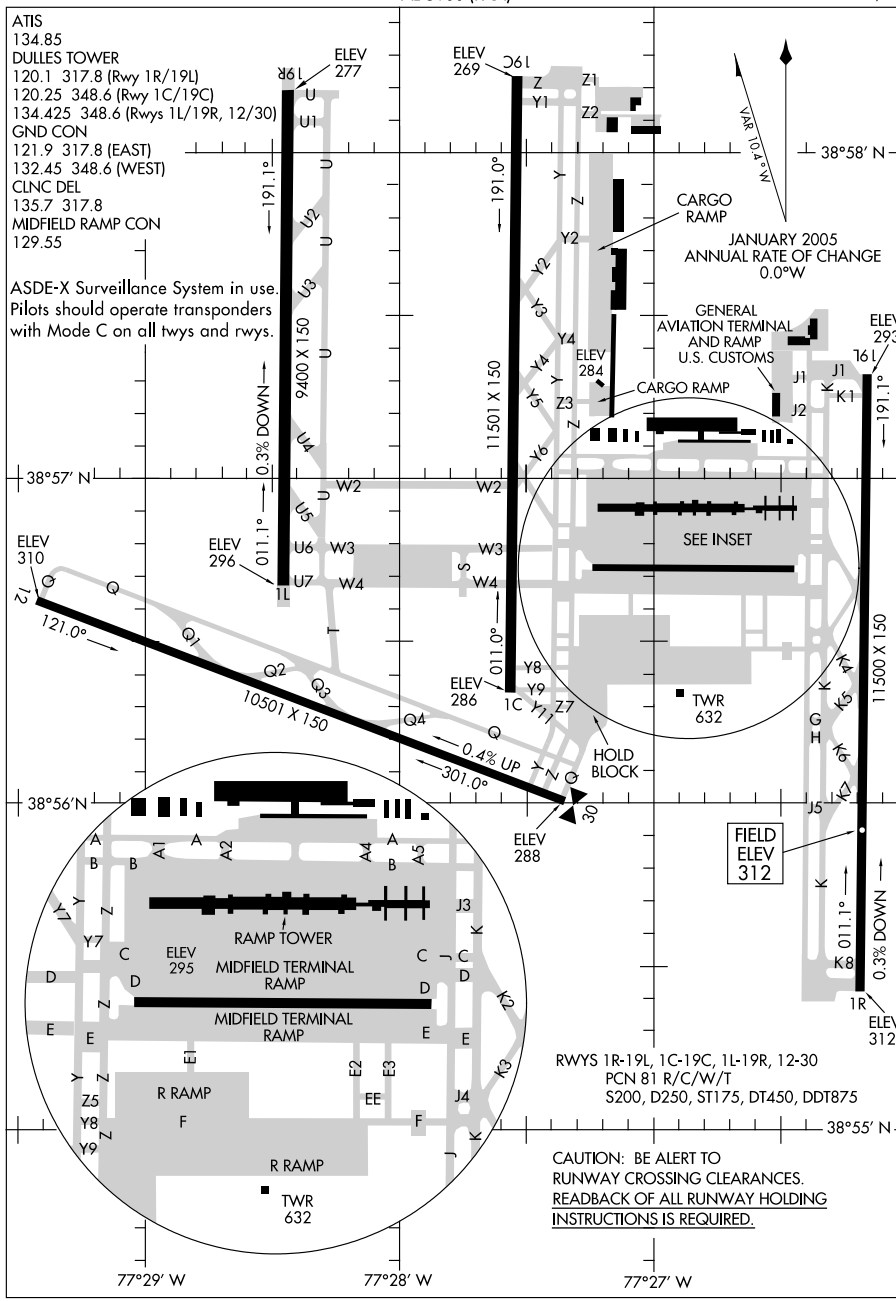
WASHINGTON, D.C.

10098

AIRPORT DIAGRAM

WASHINGTON DULLES INTL (IAD)
WASHINGTON, DC

AL-5100 (FAA)



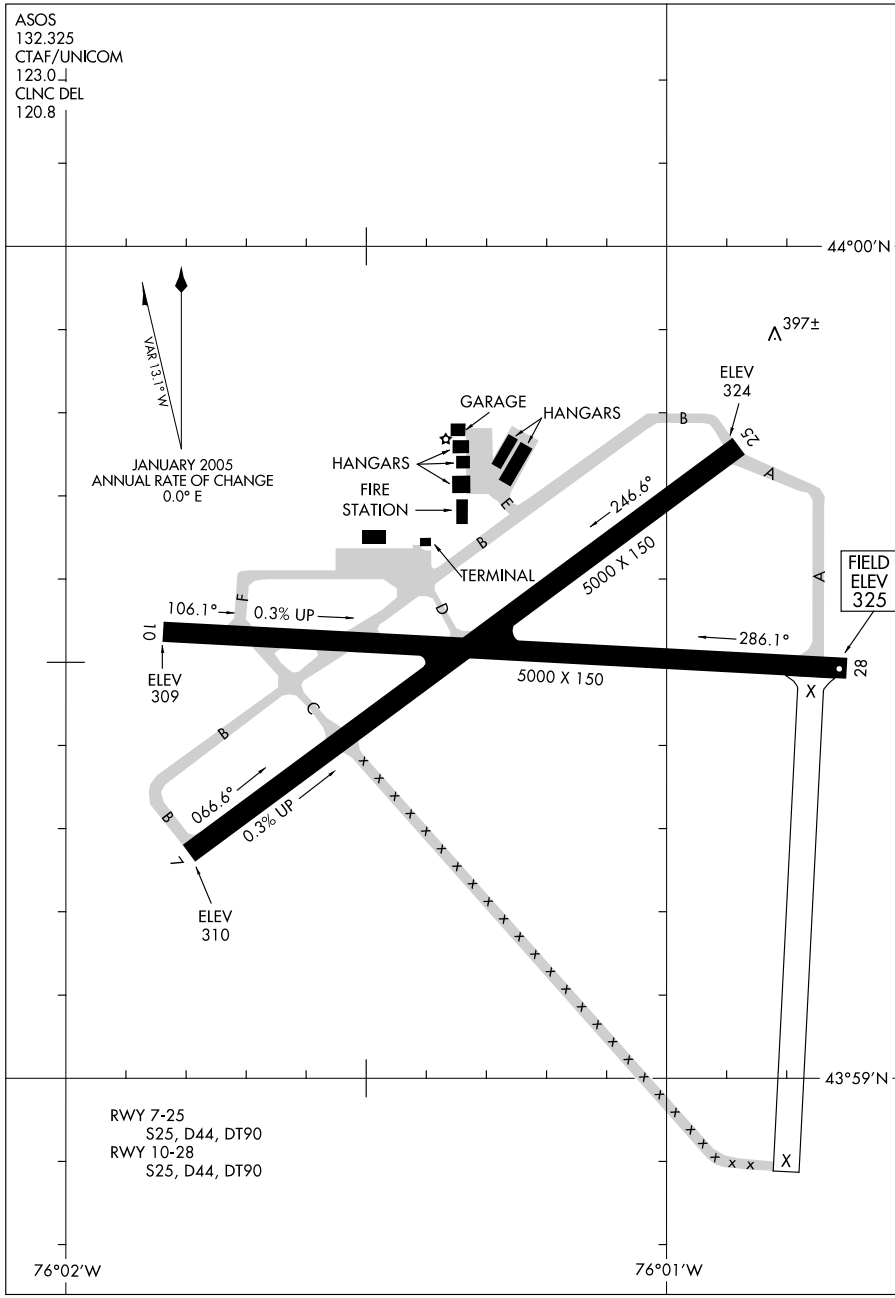
AIRPORT DIAGRAM
10098
WASHINGTON, DC
WASHINGTON DULLES INTL (IAD)

10098

AIRPORT DIAGRAM

AL-666 (FAA)

WATERTOWN INTL (ART)
WATERTOWN, NEW YORK



AIRPORT DIAGRAM

10098

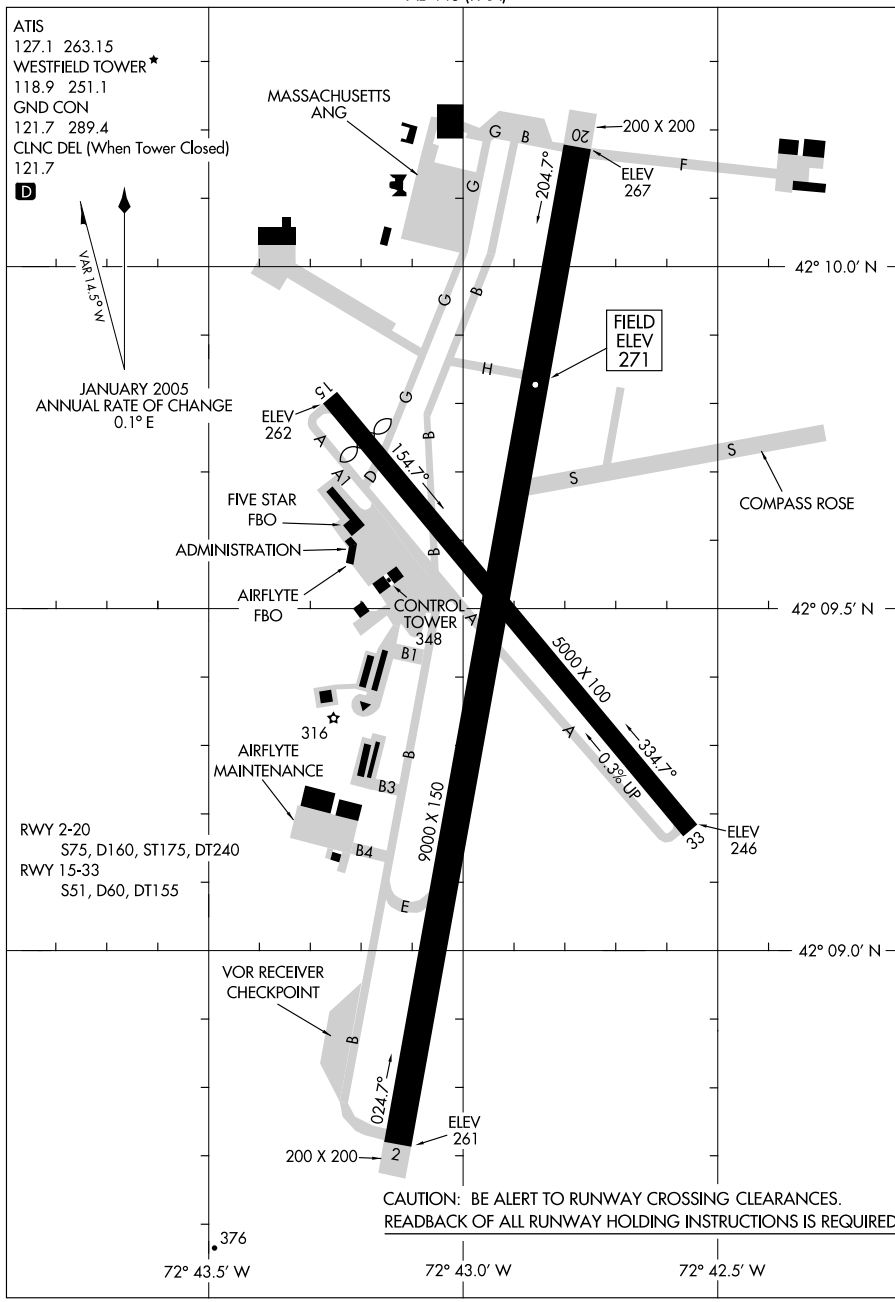
WATERTOWN, NEW YORK
WATERTOWN INTL (ART)

09239

AIRPORT DIAGRAM

WESTFIELD/BARNES MUNI (BAF)
WESTFIELD/SPRINGFIELD, MASSACHUSETTS

AL-446 (FAA)



AIRPORT DIAGRAM

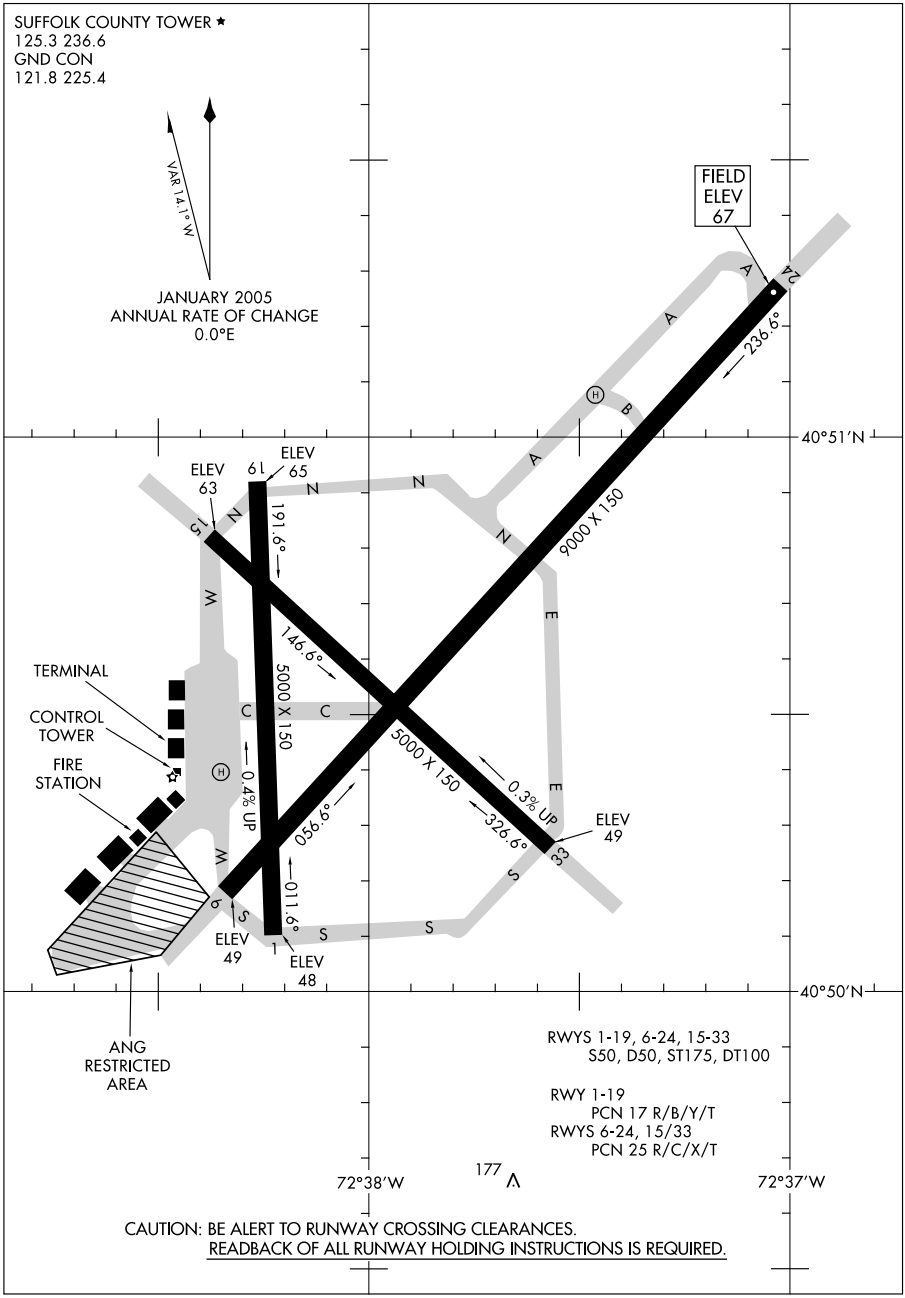
09239

WESTFIELD/SPRINGFIELD, MASSACHUSETTS
WESTFIELD/ BARNES MUNI (BAF)

08045

AIRPORT DIAGRAM

WESTHAMPTON BEACH/ FRANCIS S. GABRESKI (FOK)
AL-996 (FAA) WESTHAMPTON BEACH, NEW YORK



AIRPORT DIAGRAM

WESTHAMPTON BEACH, NEW YORK
WESTHAMPTON BEACH/ FRANCIS S. GABRESKI (FOK)

08045

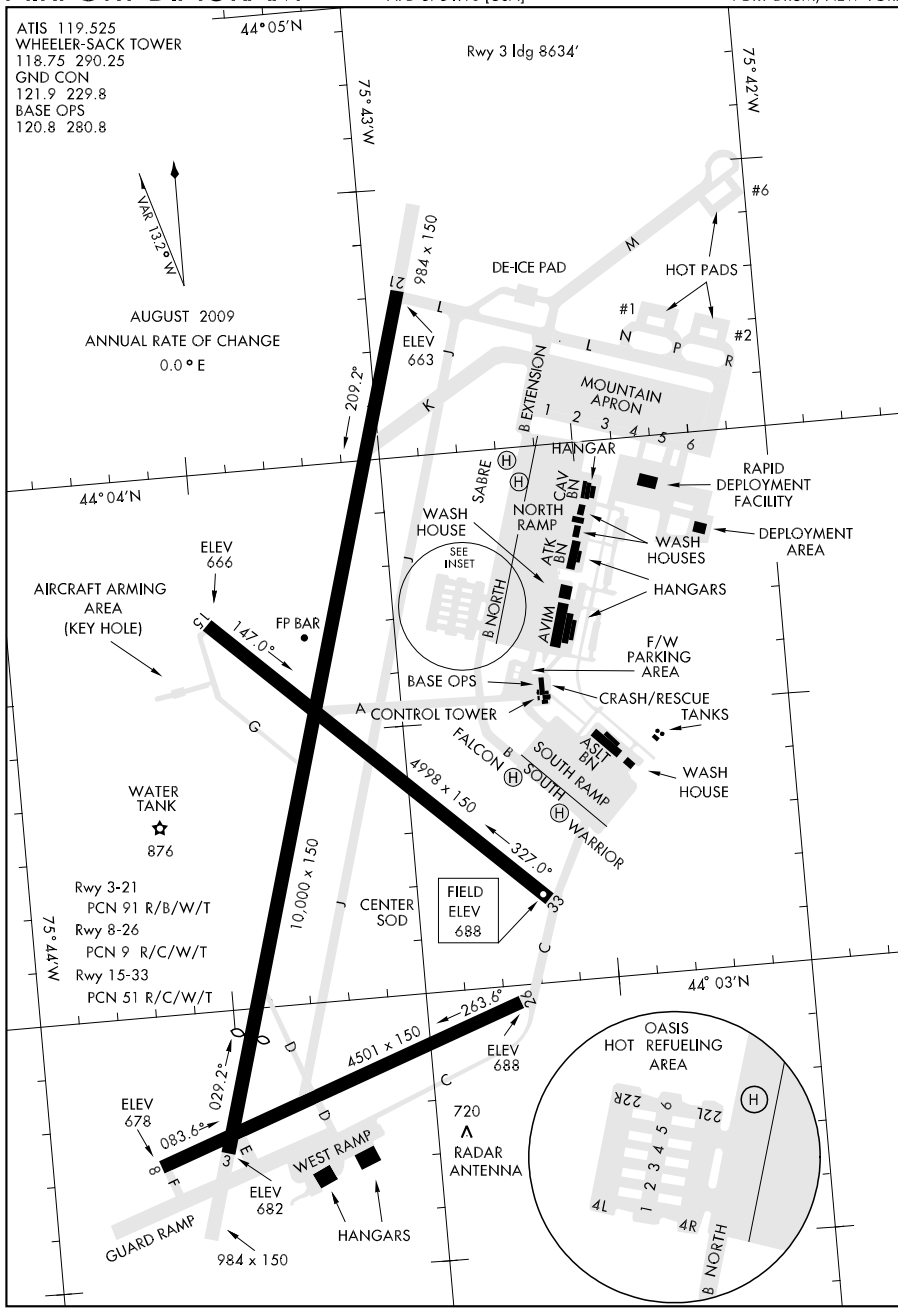
09239

AIRPORT DIAGRAM

WHEELER-SACK AAF (KGTB)

AFD-5754.10 [USA]

FORT DRUM, NEW YORK



AIRPORT DIAGRAM

FORT DRUM, NEW YORK

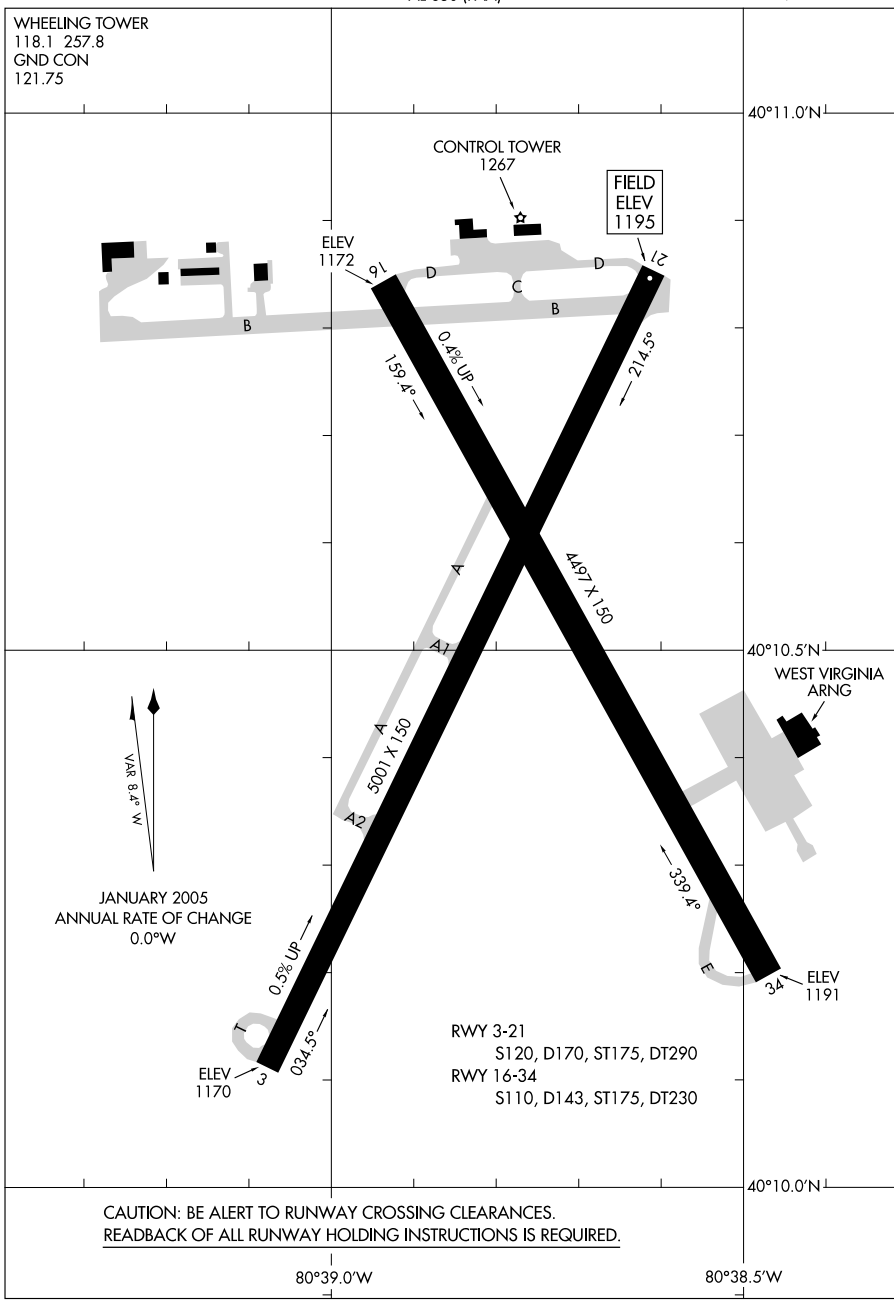
WHEELER-SACK AAF (KGTB)

06271

AIRPORT DIAGRAM

AL-650 (FAA)

WHEELING OHIO COUNTY (HLG)
WHEELING, WEST VIRGINIA



AIRPORT DIAGRAM

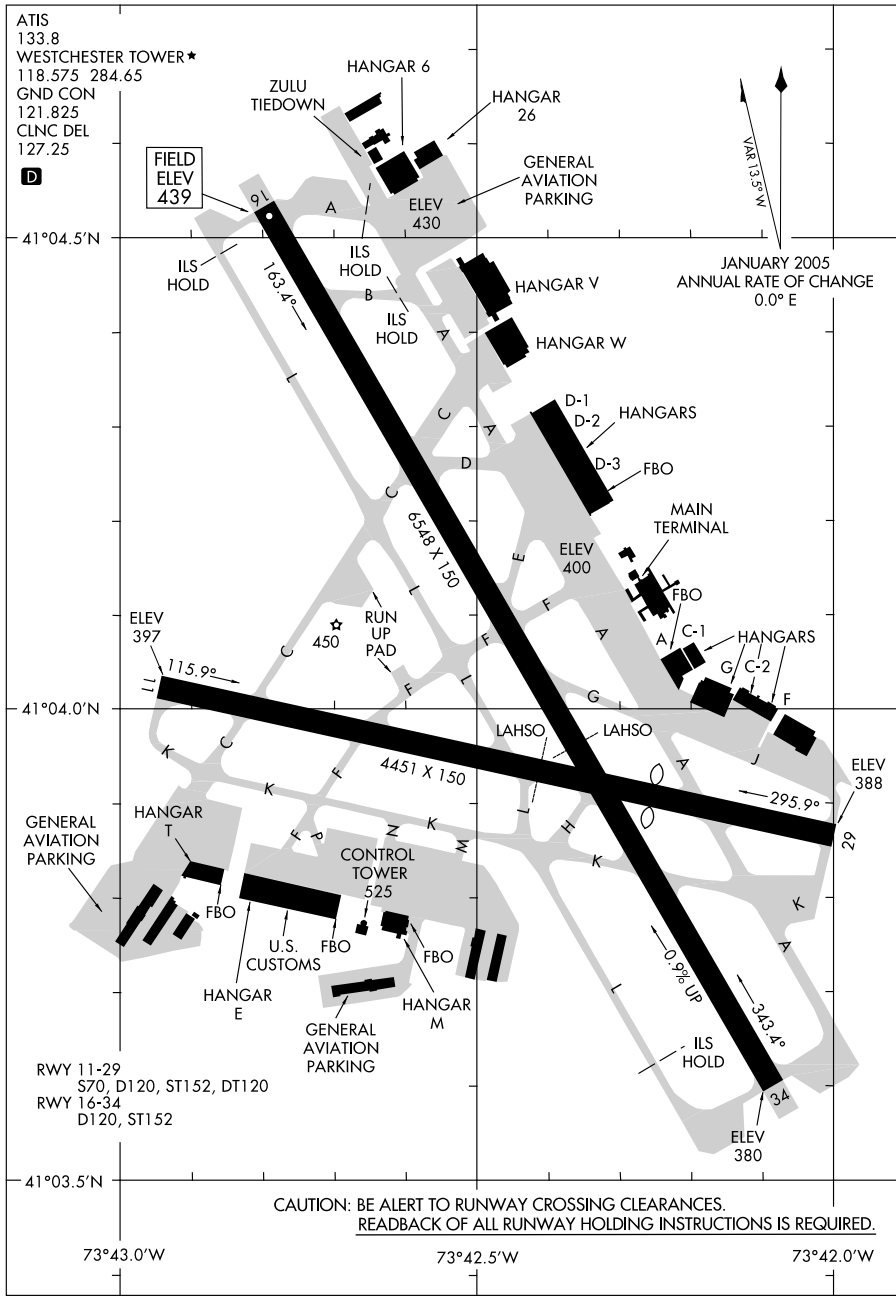
06271

WHEELING, WEST VIRGINIA
WHEELING OHIO COUNTY (HLG)

09015

AIRPORT DIAGRAM

WHITE PLAINS/WESTCHESTER COUNTY (HPN)
AL-651 (FAA)
WHITE PLAINS, NEW YORK



AIRPORT DIAGRAM

WHITE PLAINS, NEW YORK
WHITE PLAINS/WESTCHESTER COUNTY (HPN)

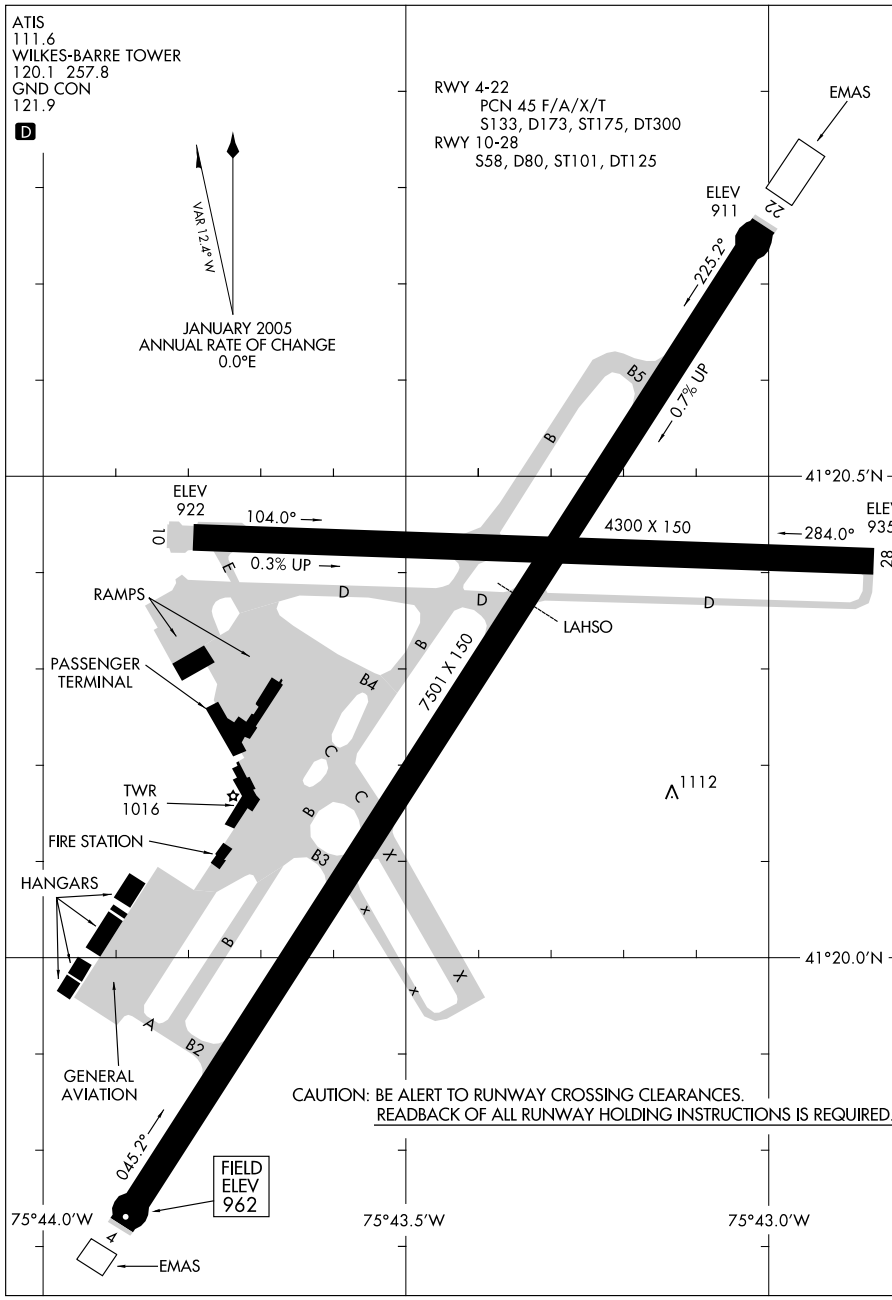
09015

10098

AIRPORT DIAGRAM

AL-661 (FAA)

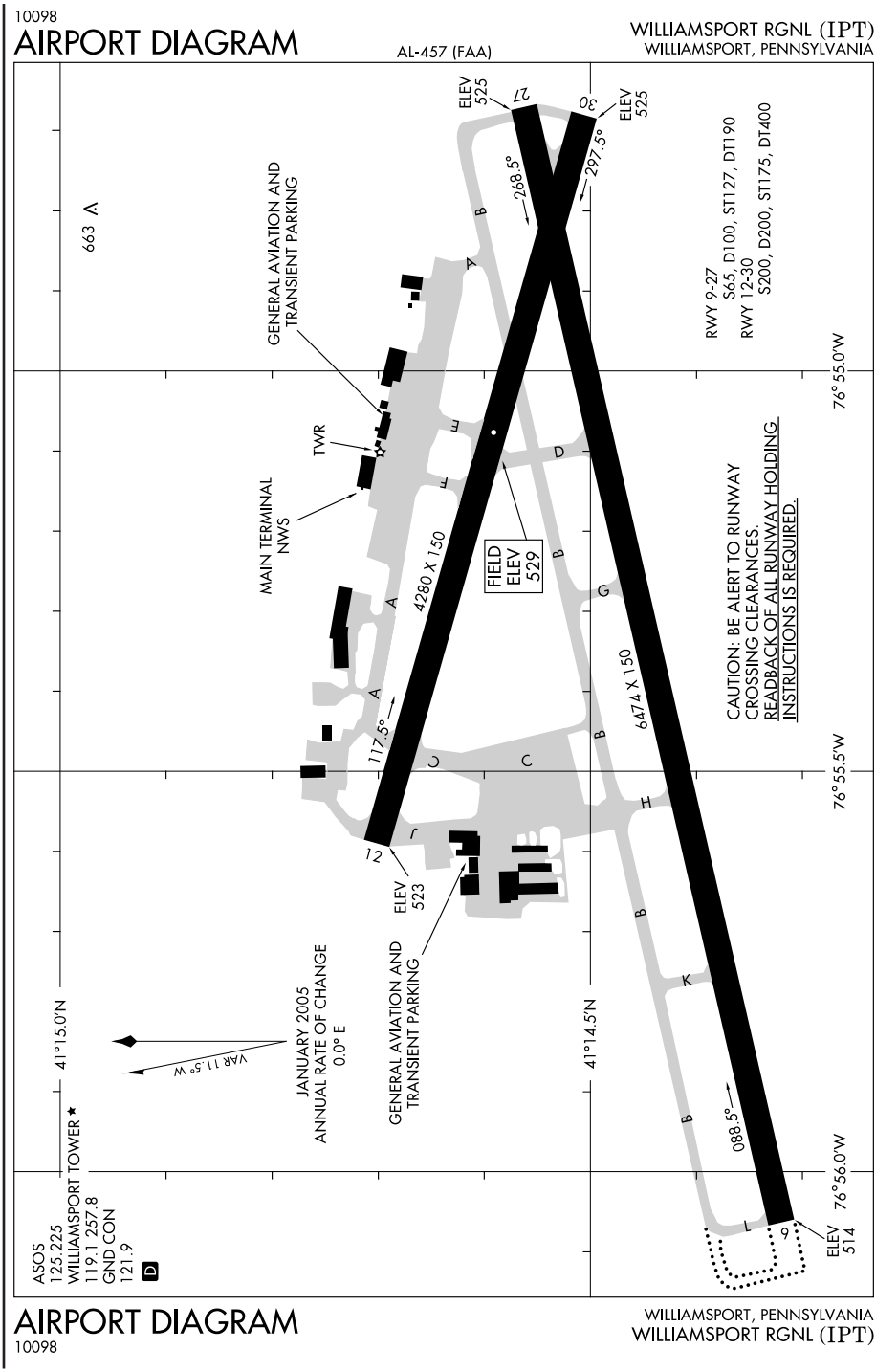
WILKES-BARRE/SCRANTON INTL (AVP)
WILKES-BARRE/SCRANTON, PENNSYLVANIA



AIRPORT DIAGRAM

10098

WILKES-BARRE/SCRANTON, PENNSYLVANIA
WILKES-BARRE/SCRANTON INTL (AVP)

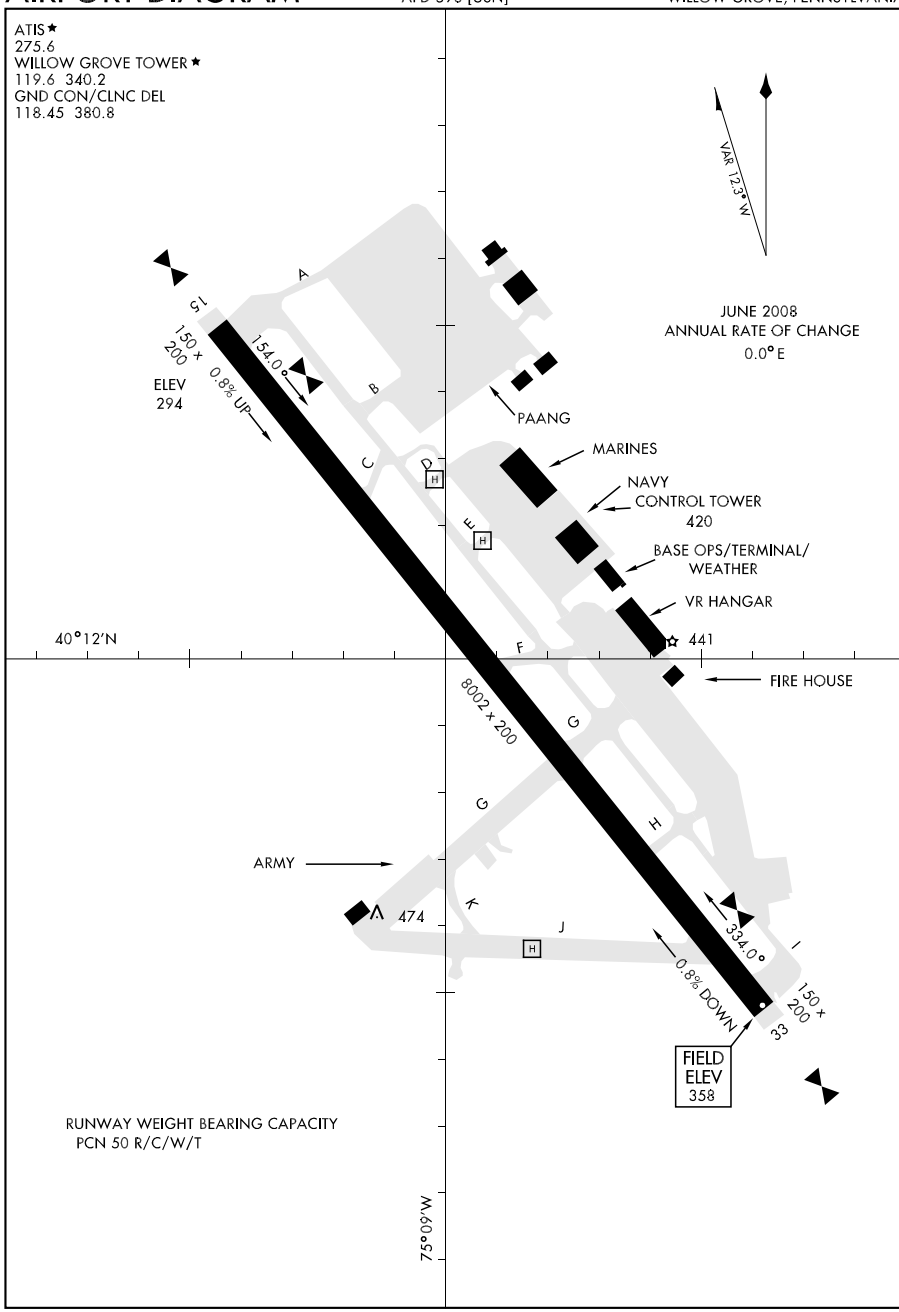

10098
AIRPORT DIAGRAM
AL-457 (FAA)
WILLIAMSPORT RGNL (IPT)
WILLIAMSPORT, PENNSYLVANIA
ELEV 525
27
30
ELEV 525
297.5°
268.5°
663 A
GENERAL AVIATION AND TRANSIENT PARKING
RWY 9-27
S65, D100, ST127, DT190
RWY 12-30
S200, D200, ST175, DT400
TWR
MAIN TERMINAL
NWS
4280 X 150
FIELD ELEV 529
6474 X 150
117.5°
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES. READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
76°55.0'W
76°55.5'W
76°56.0'W
41°15.0'N
41°14.5'N
12
ELEV 523
GENERAL AVIATION AND TRANSIENT PARKING
JANUARY 2005
ANNUAL RATE OF CHANGE
0.0° E
VAR 11.5° W
088.5°
ELEV 514
ASOS
125.225
WILLIAMSPORT TOWER
119.1 257.8
GND CON
121.9
AIRPORT DIAGRAM
10098
WILLIAMSPORT, PENNSYLVANIA
WILLIAMSPORT RGNL (IPT)

08213

AIRPORT DIAGRAM

AFD-598 [USN]

WILLOW GROVE NAS JRB (KNXX)
WILLOW GROVE, PENNSYLVANIA



AIRPORT DIAGRAM

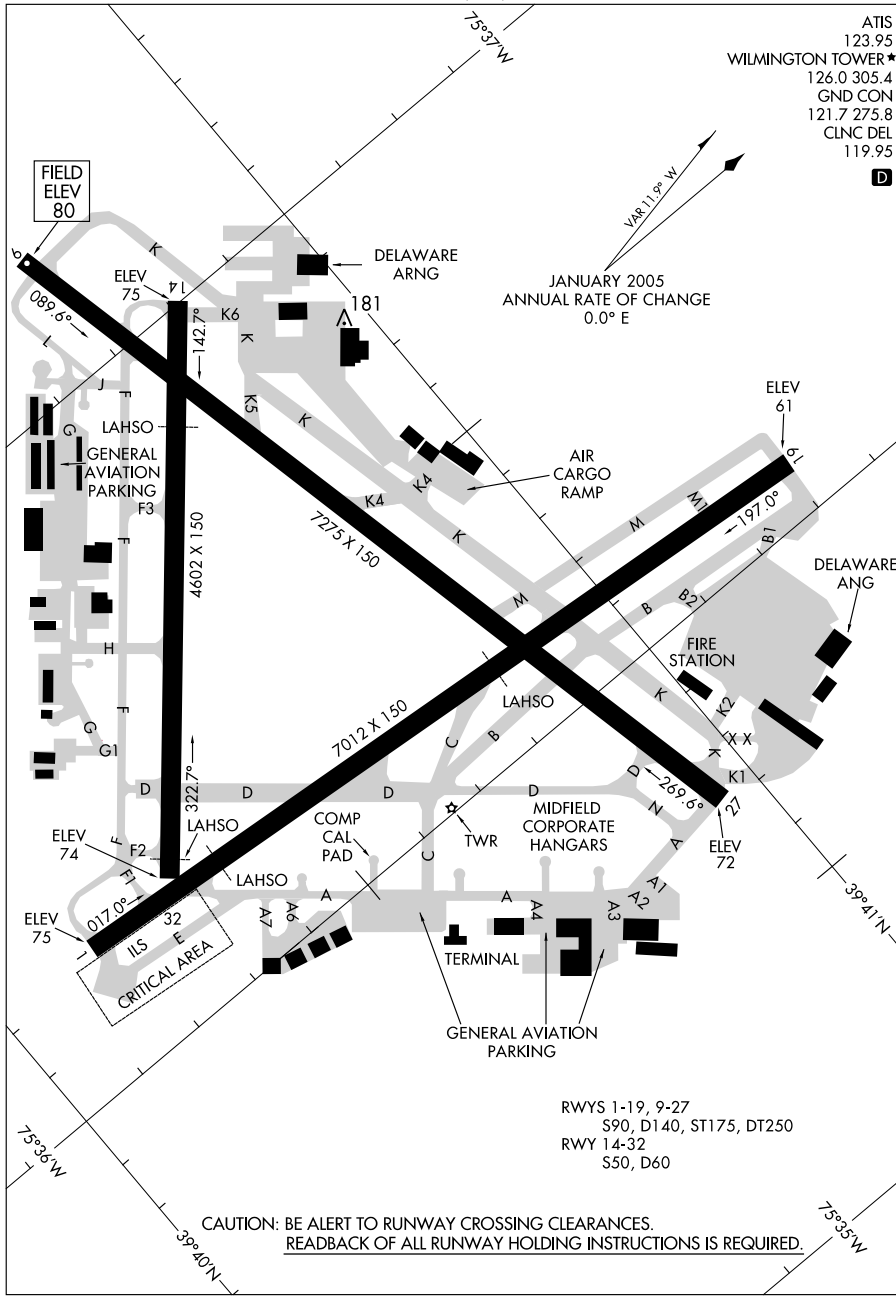
WILLOW GROVE, PENNSYLVANIA
WILLOW GROVE NAS JRB (KNXX)

10098

AIRPORT DIAGRAM

WILMINGTON/ NEW CASTLE (ILG)
WILMINGTON, DELAWARE

AL-458 (FAA)



AIRPORT DIAGRAM

10098

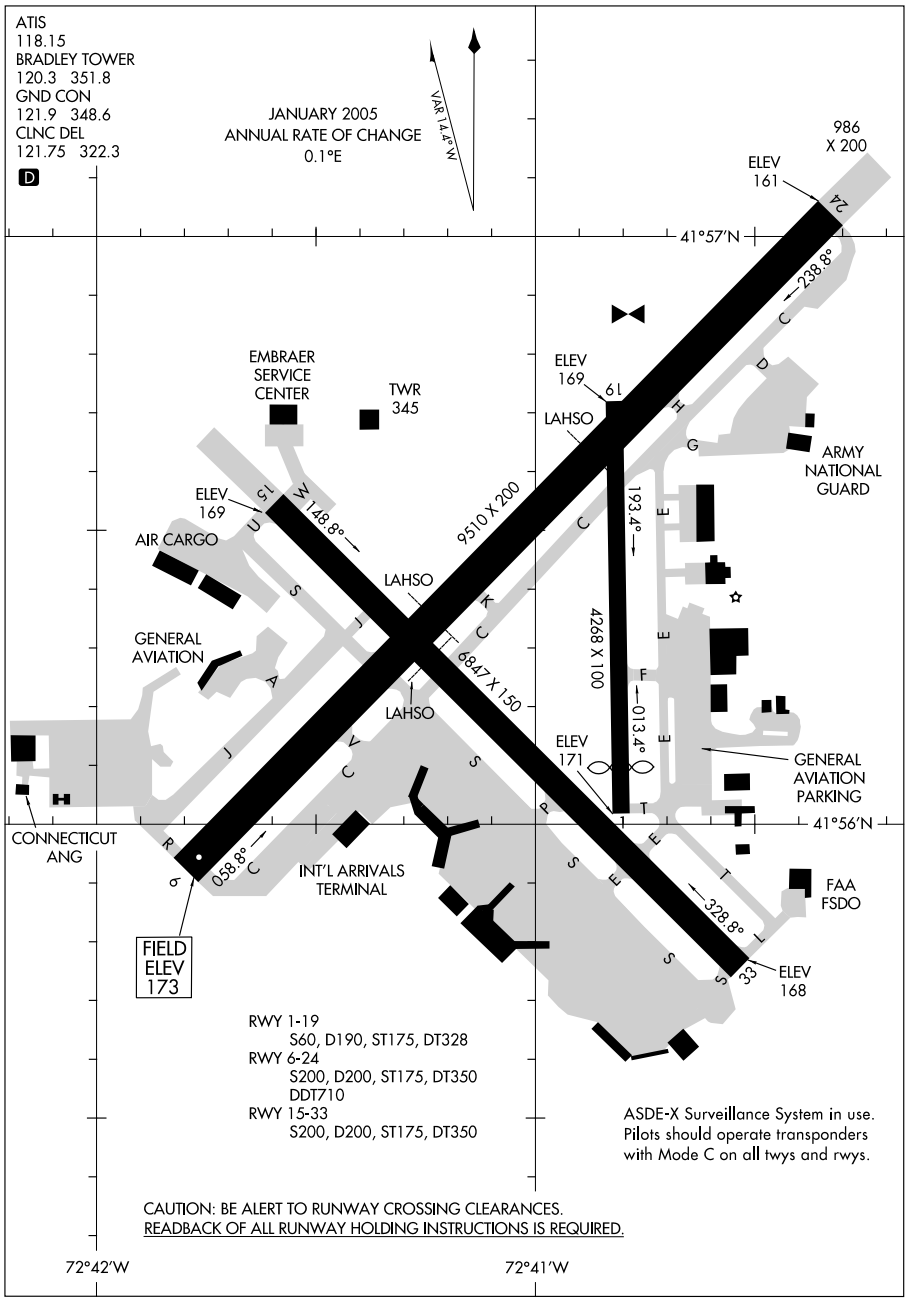
WILMINGTON, DELAWARE
WILMINGTON/ NEW CASTLE (ILG)

10098

AIRPORT DIAGRAM

AL-460 (FAA)

WINDSOR LOCKS / BRADLEY INTL (BDL)
WINDSOR LOCKS, CONNECTICUT



AIRPORT DIAGRAM

10098

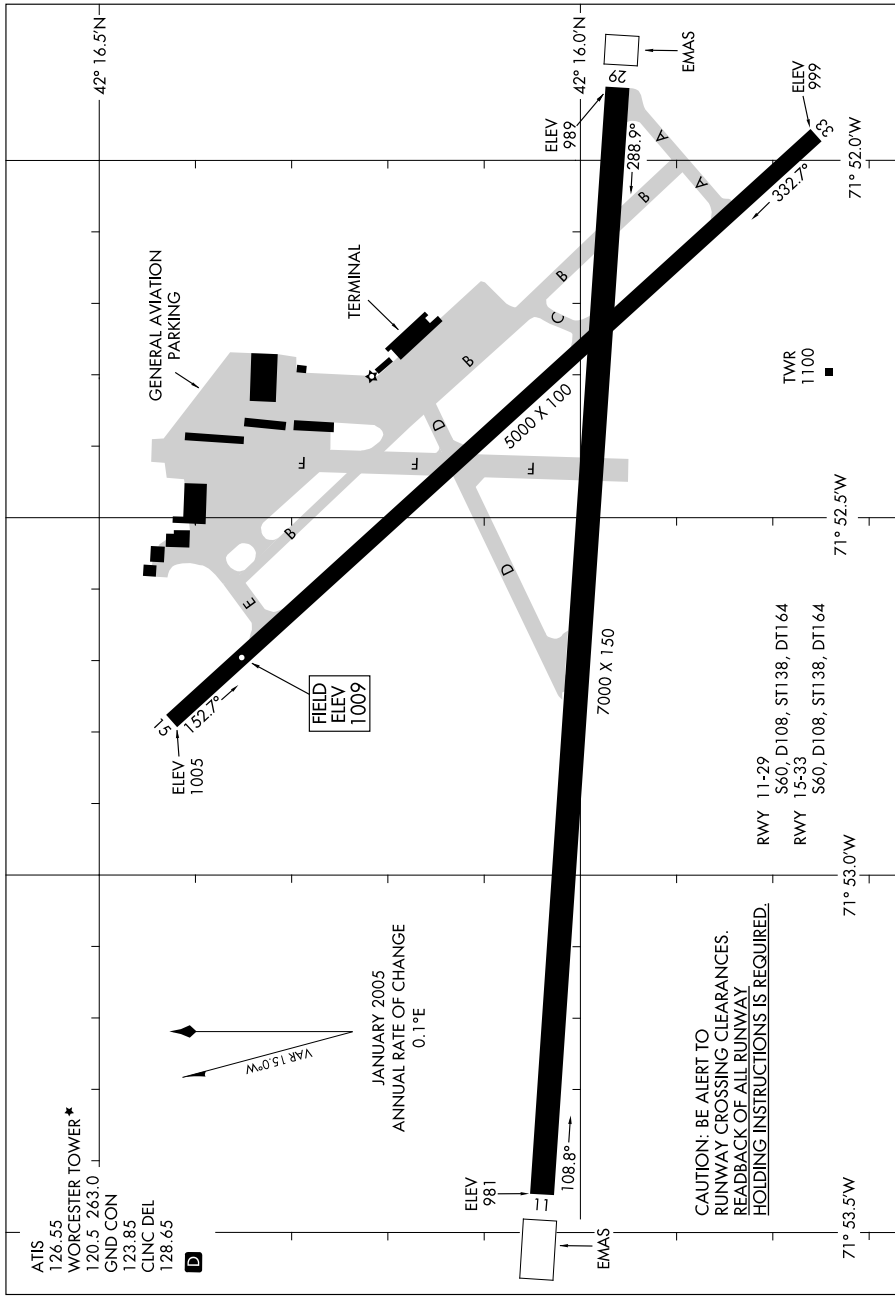
WINDSOR LOCKS, CONNECTICUT
WINDSOR LOCKS / BRADLEY INTL (BDL)

10042

AIRPORT DIAGRAM

AL-652 (FAA)

WORCESTER RGNL (ORH)
WORCESTER, MASSACHUSETTS



AIRPORT DIAGRAM

10042

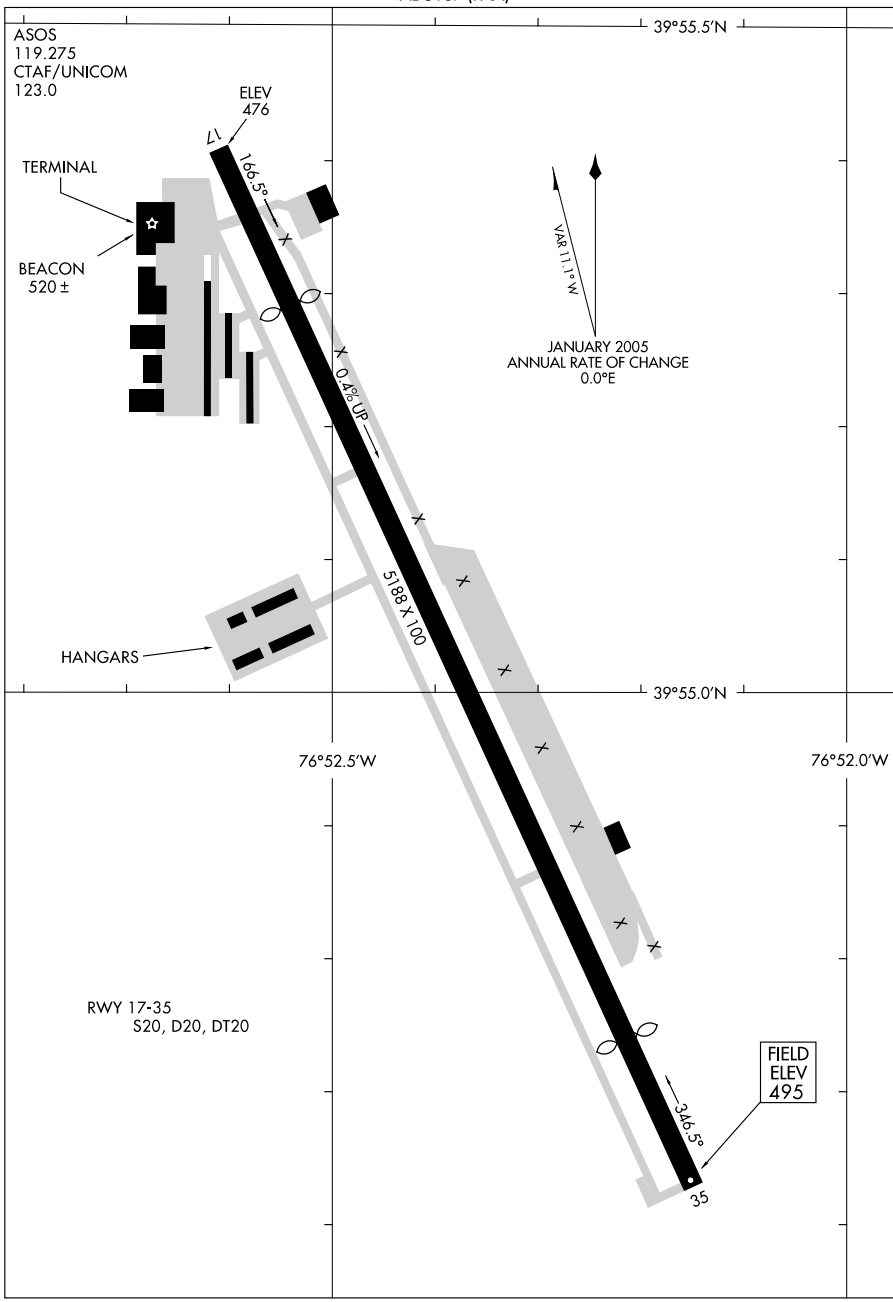
WORCESTER, MASSACHUSETTS
WORCESTER RGNL (ORH)

09183

AIRPORT DIAGRAM

YORK (THV)
YORK, PENNSYLVANIA

AL-5137 (FAA)



AIRPORT DIAGRAM

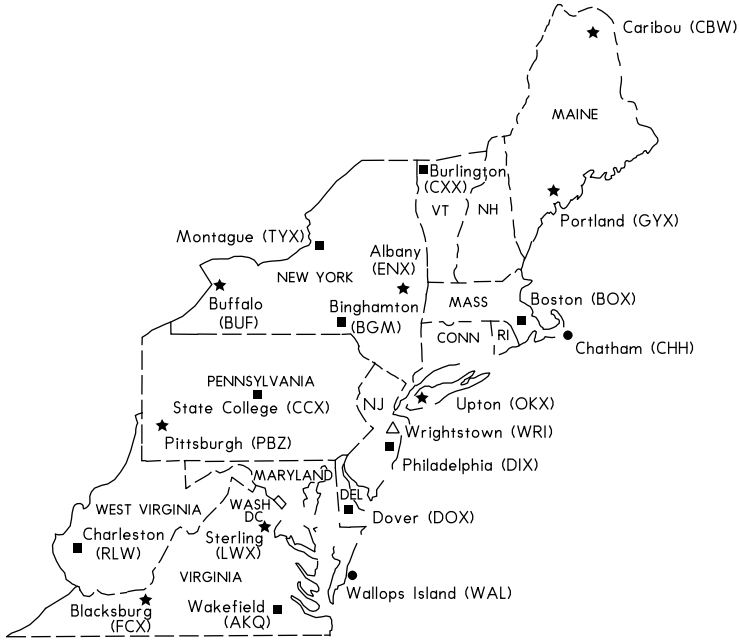
09183

YORK, PENNSYLVANIA
YORK (THV)

INTENTIONALLY
LEFT
BLANK

INTENTIONALLY
LEFT
BLANK

NATIONAL WEATHER SERVICE (NWS)
UPPER AIR OBSERVING STATION (UAOS)
AND
WEATHER RADAR NETWORK



LEGEND

△ AVIATION WEATHER SERVICE (MILITARY)

▲ AIR TRAFFIC CONTROL RADAR

★ UPPER AIR OBSERVING STATION/RADAR

■ RADAR ONLY

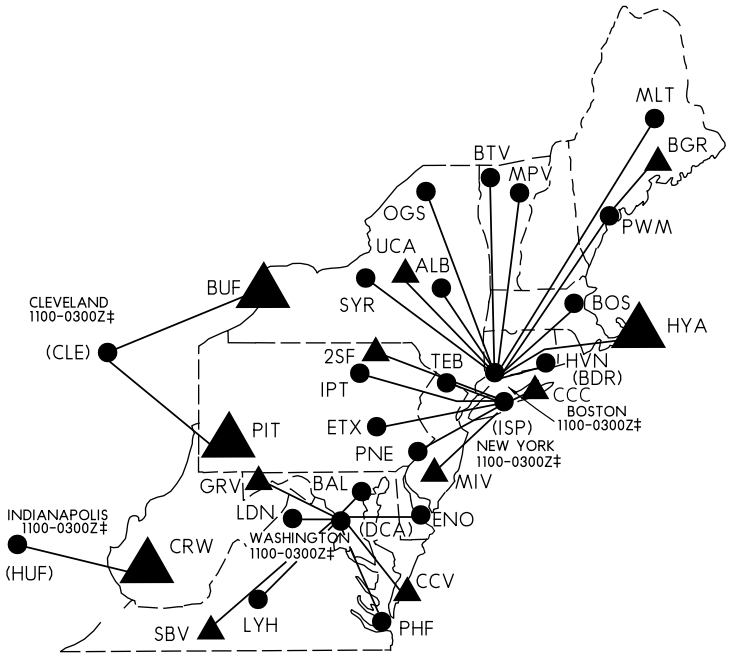
● UAOS-BALLOON RELEASE AROUND 1100 UTC AND 2300 UTC DAILY

o OTHER NWS UPPER AIR STATIONS-BALLOON RELEASE TIMES ARE FLEXIBLE BUT GENERALLY AROUND SUNRISE AND/OR EARLY AFTERNOON

NOTE: FOR RELEASES LATER THAN 1130 UTC AND 2330 UTC, AND FOR SPECIAL RELEASES AT OTHER THAN THE SCHEDULED HOURS, AN AERONAUTICAL INFORMATION MESSAGE WILL BE FILED.

ENROUTE FLIGHT ADVISORY SERVICE (EFAS)

See Aeronautical Information Manual (AIM) for available services



BOSTON EFAS HIGH ALTITUDE FREQUENCY 133.925
ATLANTA EFAS HIGH ALTITUDE FREQUENCY 135.475
CLEVELAND EFAS HIGH ALTITUDE FREQUENCY 135.425
INDIANAPOLIS EFAS HIGH ALTITUDE FREQUENCY 134.825
WASHINGTON EFAS HIGH ALTITUDE FREQUENCY 134.525
NEW YORK EFAS HIGH ALTITUDE FREQUENCY 134.725

● LOW ALTITUDE COMMUNICATIONS OUTLET (122.0)

▲ HIGH ALTITUDE COMMUNICATIONS OUTLET

▲ BOTH LOW AND HIGH ALTITUDE COMMUNICATIONS OUTLET